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MONTANA

AGRICULTURAL STATISTICS 1982

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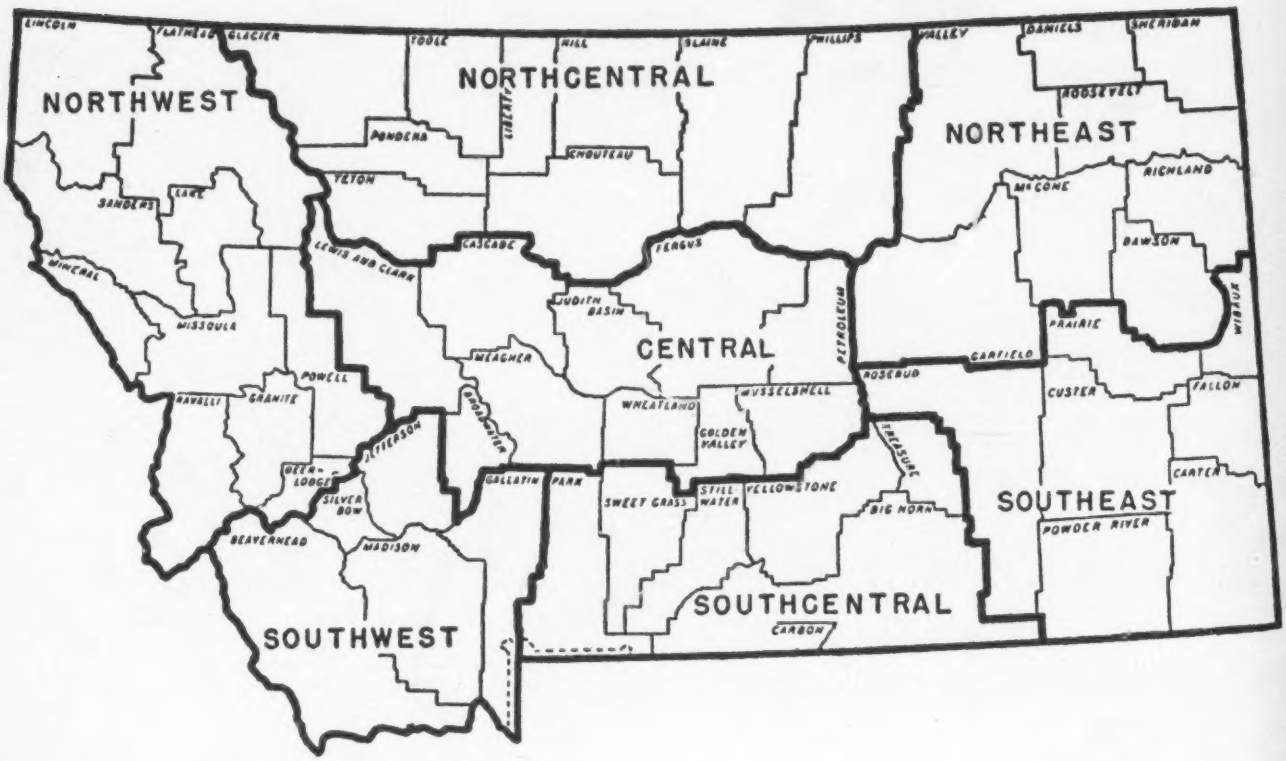
MONTANA AGRICULTURAL STATISTICS

MONTANA CROP REPORTING DISTRICTS



COVER ACKNOWLEDGEMENTS

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MONTANA AGRICULTURAL STATISTICS

VOLUME XIX SEPTEMBER 1982

STATE OF MONTANA

TED SCHWINDEN - GOVERNOR

MONTANA DEPARTMENT OF AGRICULTURE

W. GORDON McOMBER, DIRECTOR

COOPERATING WITH

U.S. DEPARTMENT OF AGRICULTURE

STATISTICAL REPORTING SERVICE

WILLIAM E. KIBLER, ADMINISTRATOR

COMPILED BY

MONTANA CROP and LIVESTOCK REPORTING SERVICE

FEDERAL BUILDING and U.S. COURTHOUSE

P.O. BOX 4369

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State of Montana
Office of the Governor
Helena, Montana 59620

Fellow Montanans:

As the Governor of Montana and as a farmer, I realize the great importance of agriculture to the health of Montana's economy.

Farming has become a comp' x business that requires farmers to use their resources wisely. During these tough economic times, management decisions become critical. The agricultural statistics in this handbook are intended to assist farmers with those decisions.

I commend the people who have compiled this information, and I hope that the publication will be a valuable resource to those who use it.

Sincerely,

Ted Schwinden

TED SCHWINDEN
Governor

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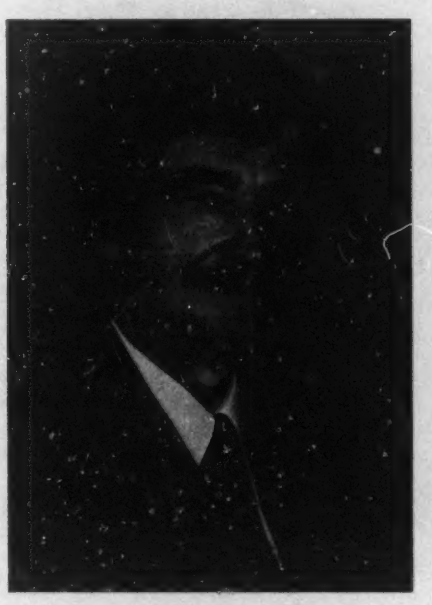

MESSAGE FROM THE DIRECTOR

Montana's agricultural income has made impressive advances over the last fifty years, increasing from slightly more than 64 million dollars in 1931 to nearly 1.5 billion dollars in 1982, an increase of more than 23 times.

Increased demand for agricultural products domestically and internationally has been the primary factor influencing the technological advancements in today's agriculture, and thus the dramatic increases in agricultural production.

In order that the farmer can produce the food that is demanded he must keep pace with new technology; carefully plan and manage his operation the same as any other business. He also must market his commodities as efficiently as possible in order to realize the maximum return on investment. This process requires accurate data on which to base decisions.

The statistics contained in this volume provide the user, whether farmer, banker, or researcher, a good basis from which to make decisions and forecasts.

Anyone having the occasion to use this publication will find its contents informative.

Sincerely,

W. Gordon McOmber

W. Gordon McOmber, Director
Montana Department of Agriculture

An Affirmative Action/Equal Employment Opportunity Employer

THE MONTANA DEPARTMENT OF AGRICULTURE

Prior to a major reorganization in 1977 the Department of Agriculture functioned mainly as a regulatory agency. Restructuring enabled the Department to perform its regulatory responsibilities more efficiently and to enhance its duties to promote and encourage agriculture in Montana. The reorganization plan called for the Department to enter the eighties with a posture of better serving Montana agriculture.

The Department Director is responsible for administration of the Department's 4 million dollar annual budget and its 83 full time and 10 seasonal positions. He oversees the Department's three divisions and six units. The function of each division and unit is summarized here below.

Centralized Services Division performs technical fiscal and administrative support functions for the Department. Activities are for internal operations.

The Environmental Management Division is responsible for the registration of 3,000 pesticide products; the certification and licensing of 2,500 commercial applicators and dealers, and some 10,000 private applicators; enforcement of the pesticide act and rules; providing technical environmental services to agriculture; providing for an evaluation of pest management problems and programs; and providing analytical laboratory and consultative services to other agencies and the public.

The Plant Industry Division is responsible for the administration and enforcement of regulatory laws controlling the production, manufacturing and marketing of agricultural commodities exported from or distributed within Montana. The division investigates consumer complaints; performs technical inspections and surveys; issues federal-state grade certificates; and provides regulatory technical expertise for and licenses 5,000 bee yards, 550 nurseries, 650 feed dealers, 450 fertilizer dealers, 350 seed dealers and 250 grain merchandisers. The division also certifies some 2,000 commercial feed products and 1,000 fertilizers. The division's grain laboratory in Great Falls provides the only official grain grading services in the state.

The Marketing Unit identifies major needs and establishes priorities in marketing to facilitate the orderly flow of the state's agricultural goods to market. From the generated data, the unit develops and publishes statistics describing Montana agricultural transportation. The unit works to coordinate marketing from the producer to the consumer.

The Montana Crop and Livestock Reporting Unit, a joint federal/state service, prepares estimates and reports of production, supply price, and other items necessary to the orderly operation of farm markets. The reports include statistics on field crops, cattle, hogs, poultry and related products. Other estimates concern prices received by farmers for products sold and prices paid by them for commodities and services. Montana county and some special statistics are developed through the Federal/State Cooperation Agreement. These county statistics are published biennially in the "MONTANA AGRICULTURAL STATISTICS" bulletin.

The Wheat Research and Marketing Unit is responsible for promoting and encouraging intensive scientific and practical research in all phases of wheat culture, production and marketing under the guidelines and policies developed by the Wheat Research and Marketing Committee. For fiscal year 1982-83 the Unit has contracts totalling $248,000 with Montana State University for work in areas such as barley improvement, disease control, the Agnet program, insect control and cropping practices. For foreign market promotion the Unit pays a $220,000 membership fee to U.S. Wheat Associates to maintain Montana as one of thirteen partners in the association's foreign market development efforts. The Unit also assists in providing Montanans agricultural statistics and food and feed development funds.

The Hail Insurance Unit administers the State Hail Insurance Program under guidelines and policies developed by the State Board of Hail Insurance. In 1982, Montana producers purchased 2,139 policies from the Unit worth a record $25.3 million dollars in coverage against hail damage. The Unit's success is evidenced by the fact that both the amount of risk coverage and number of policies purchased have increased each of the past several years.

The Alfalfa Seed Unit is responsible for improving the culture and production of and expanding the market for alfalfa seed grown in the state. This Unit was established by the 1982 Legislature.

The Rural Development Unit provides financial assistance to help young farmers and ranchers get started in agriculture. The program was originally funded by federal rural rehabilitation funds. Total assets now are $1.5 million. Proceeds from the 220 active loans pay for program administration and provide funds for future loans.

Assisting the state's number one industry is a formidable task. Hopefully, this brief look into the Department of Agriculture will help you understand how it is serving Montana agriculture.

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STATISTICAL REPORTING SERVICE

MONTANA DEPARTMENT OF AGRICULTURE

MONTANA CROP AND LIVESTOCK REPORTING SERVICE

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FOREWORD

The purpose of this publication is to serve the information needs of Montana agriculture. Montana's 24 thousand farms and ranches contributed over 1.5 billion dollars to the state's economy during 1981--more than any other industry. The data herein establishes the importance of agricultural production to each county, as well as to the state's economy.

The information provides vital input to help make farm production and marketing decisions, locate and operate storage and processing facilities, provide production and transportation services, develop markets for Montana products and provides basic information for agricultural research.

The Statistical Reporting Service, U.S.D.A., and the Montana Department of Agriculture, cooperating as the 'MONTANA CROP & LIVESTOCK REPORTING SERVICE', collect and publish statistical information about Montana agriculture. Current information is published throughout the year and is summarized along with county statistics for this bulletin.

Most of the basic information presented in this bulletin is obtained through voluntary response to surveys conducted by this office. We owe a sincere thanks to all the farmers, ranchers, and agri-businessmen who voluntarily contributed their time to provide this information.

Special statistics on wheat varieties, stocks by class, wheat utilization, wheat and barley by cropping practice, grain production forecasts by crop reporting district, and grain movement were funded by the MONTANA WHEAT RESEARCH AND MARKETING COMMITTEE. Data on barley varieties were funded by the NATIONAL MALTING BARLEY IMPROVEMENT ASSOCIATION.

A special thanks goes to our office staff of statisticians, support personnel, and field and telephone enumerators who are responsible for the tremendous task of collection and summarization of this information.

Lyle H. Pratt,
State Statistician

MONTANA CROPS & LIVESTOCK -- 1980

JANUARY: Temperatures averaged below normal. Despite the light to practically no snowcover, wind damage to winter wheat was light. **FEBRUARY:** Generous precipitation over most of the state with above normal temperatures. Open grazing helped conserve hay supplies. Calving and lambing off to a good start by month's end. **MARCH:** Temperatures and precipitation both averaged above normal. After the first week, weather was rather mild with a few small storms over parts of the state. Calving and lambing were aided by the generally mild weather with losses lighter than normal. **APRIL:** Precipitation below normal with above average temperatures. Winter wheat broke out of dormancy and spring planting was in full swing. Calving and lambing essentially finished. Stockwater supplies becoming very short eastern part of state. **MAY:** Temperatures generally above and precipitation below normal. Considerable reseeding of winter wheat to spring wheat and barley because of poor germination the previous fall. Volcanic ash from Mt. St. Helens eruption showed no adverse affects on crops or livestock. **JUNE:** Frequent showers and thundershowers throughout the month, temperatures averaged normal. Hot, dry weather pushed crop development ahead of normal. Range conditions eastern part of state very poor. Many operators marketed livestock or moved them to summer pastures out of state. **JULY:** Frequent widely scattered showers during the month. Hay harvest slowed by shower activity. Winter wheat harvest started earlier than normal. **AUGUST:** Temperatures generally below normal with periods of heavy precipitation. Grain harvest progressed slow due to shower activity. Winter wheat harvest full swing, but slightly behind normal. Winter wheat seeding started some areas. **SEPTEMBER:** Generally near normal to above normal temperatures. Grain harvest slow due to showery weather, but seeding of winter wheat progressed at about normal pace. Some supplemental feeding of livestock started in eastern part of state. **OCTOBER:** First half sunny and mild, last half cool and wet. Sugarbeet harvest delayed by the rain. Winter wheat germination poor some areas, stands spotty and uneven. Moisture helped relieve critical livestock water shortages eastern part of state. **NOVEMBER:** Very mild month with substantial precipitation. Livestock in good condition, open grazing, but most livestock on supplemental feed. **DECEMBER:** Weather showed great contrast, precipitation variable. Record breaking warm temperatures over nearly all areas of the state averaged 12 degrees above normal. Winter wheat snowcover poor, deteriorated to none by end of the month. Winds and above normal temperatures dried out topsoil moisture. Extreme weather fluctuations put some stress on livestock.

1981

JANUARY: Very mild month with temperatures 10-15 degrees above normal. Numerous daily record maximum temperatures were set. Mild temperatures brought winter wheat out of dormancy in some central and south central areas. Above normal temperatures eased livestock feeding requirements considerably and relieved tight hay supplies eastern part of State. **FEBRUARY:** Another mild month with temperatures averaging 4-12 degrees above normal. Precipitation west of Divide above average, east of Divide below average. Livestock good condition, grazing generally open. **MARCH:** Temperatures again very mild, 10-15 Degrees above normal. General 'greening up' of winter wheat with some growth southern areas. Calving and lambing about 50 percent complete. **APRIL:** Precipitation generally below normal with temperatures near to above normal. Seeding of spring crops in full swing with planting progress running about normal. Army worm infestations were showing up in eastern counties. **MAY:** Variable temperatures with significant amounts of precipitation the latter part of the month in all but the northeastern part of the state. Planting completion wind-up of spring crops delayed because of wet conditions. Livestock moving to summer ranges. **JUNE:** Temperatures below normal with considerable precipitation, Spring crop progress and haying delayed by the cool, wet weather. Winter wheat condition good to excellent. **JULY:** Hot and dry for latter part of the month. Hot, windy weather placed stress on spring crops. Winter wheat harvest underway by month's end. Stockwater shortages eastern part of state. **AUGUST:** Scattered light showers and above normal temperatures allowed harvesting progress to advance ahead of normal. Winter wheat planting was getting a good start by the end of the month. **SEPTEMBER:** Generally a very warm, dry month with moderate precipitation the last week. Winter wheat seeding delayed due to lack of rain. Stockwater supplies critically short eastern part of State. **OCTOBER:** Month started off mild but with generally cooler temperatures toward month's end. Potato and sugarbeet harvest about complete by the end of the month. Most livestock moved from summer ranges. **NOVEMBER:** Temperatures generally well above normal with near to above normal precipitation. Most livestock on supplemental feed with stockwater supplies still short in some eastern areas. **DECEMBER:** Except for a short cold period at mid-month and at the end, temperatures were quite mild during the month. Heaviest precipitation over the west, southwest and south central areas. Many ranchers held calves because of low prices for both feed and livestock.

MONTANA'S RANK IN THE NATION'S AGRICULTURE

Item	Unit	Period or Date	Rank
	(000)		
Acres in strip cropping	4,489 acres	1969 Census	1
Land in farms and ranches	62,600 acres	1981	2
Income from cash receipts, excluding Gov't payments			
Total	$1,483,254	1981	33
Crops	$ 854,196	1981	30
Livestock	$ 629,058	1981	31
LIVESTOCK AND LIVESTOCK PRODUCTS			
All cattle and calves	2,900 head	Jan. 1. 1982	12
All cows	1,633 head	Jan. 1, 1982	10
Milk cows	29 head	Jan. 1, 1982	46
Beef cows	1,604 head	Jan. 1, 1982	6
Cattle on feed	53 head	Jan. 1, 1982	22
Hogs and pigs	200 head	Dec. 1, 1981	28
Sheep and lambs	616 head	Jan. 1, 1982	7
Wool production (July prel.)	5,566 pounds	1981	8
All chickens	940 birds	Dec. 1, 1981	41
Honey production	10,800 pounds	1981	4
CROPS (PRODUCTION)			
All wheat	172,830 bushels	1981	4
Winter wheat	89,250 bushels	1981	9
Durum wheat	11,040 bushels	1981	4
Spring wheat other than durum	72,540 bushels	1981	3
All hay	4,808 tons	1981	10
Alfalfa hay	3,380 tons	1981	9
Dry beans	218 cwt.	1981	12
Barley	56,760 bushels	1981	4
Oats	4,840 bushels	1981	15
Potatoes--fall	1,739 cwt.	1981	16
Sugarbeets	926 tons	1981	8

RECORD HIGHS

Livestock	Size & Unit	Date
	(000)	
Cattle & calves	3,380 head	Jan. 1, 1974
Sheep & lambs	5,736 head	Jan. 1, 1903
Hogs & pigs	445 head	Jan. 1, 1944
Chickens	2,738 birds	Jan. 1, 1944
Honey production	13,184 pounds	1979
Crops		
All wheat	172,830 bushels	1981
Winter wheat	105,000 bushels	1975
All spring wheat (including durum)	83,580 bushels	1981
Durum wheat	18,093 bushels	1956
Barley	67,914 bushels	1969
Oats	25,650 bushels	1915
All hay	4,808 tons	1981
Sugarbeets	1,206 tons	1969
Potatoes	2,871 cwt.	1918

NUMBER OF FARMS 1910-1982

ALL LAND IN FARMS -- AND AVERAGE SIZE OF FARMS

1950-1982

Number of Farms -- 1910-1949

Year	NUMBER OF FARMS	Year	NUMBER OF FARMS	Year	NUMBER OF FARMS	Year	NUMBER OF FARMS
	Thous.		Thous.		Thous.		Thous.
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of Farms, All Land in Farms and Average Size of Farm, 1950-1982

Year	Number of Farms	All Land in Farms	Average Size of Farms
	Thous.	Thous. Acres	Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,799
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,899
1956	34.2	66,200	1,936
1957	33.6	66,300	1,973
1958	33.0	66,500	2,015
1959	32.4	66,600	2,056
1960	31.7	66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
1969	26.7	64,700	2,423
1970	26.4	64,200	2,432
1971	26.0	63,700	2,450
1972	25.5	63,200	2,478
1973	25.1	63,000	2,510
1974	24.6	62,800	2,553
1975	23.4 1/	62,200	2,693
1976	23.4	62,200	2,658
1977	23.5	62,100	2,643
1978	23.6	62,100	2,631
1979	23.7	62,100	2,620
1980	23.8	62,100	2,609
1981	23.9	62,100	2,598
1982	24.0	62,100	2,588

1/ Places which had annual sale of agricultural products of $1000 or more. Series initiated with 1975.

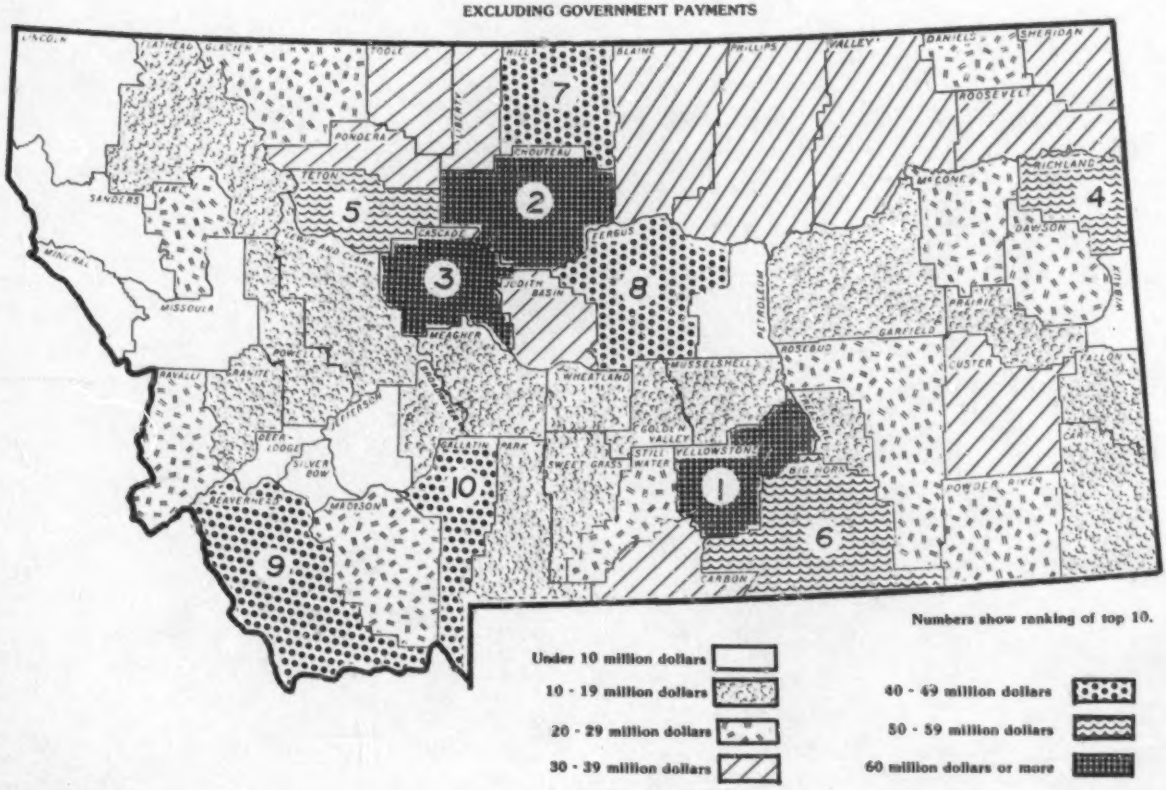
CASH RECEIPTS -- 1972 - 1981

Cash Receipts from the Sale of Principal Farm Products and Government Payments

Year	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Government Payments	Total All Cash Receipts
			Thousand Dollars		
1972.....	495,281	328,465	823,746	103,169	926,915
1973.....	572,107	554,964	1,127,071	64,990	1,192,061
1974.....	433,124	720,745	1,153,869	14,998	1,168,867
1975.....	420,949	587,992	1,008,941	9,350	1,018,291
1976.....	456,119	582,365	1,038,484	10,497	1,048,981
1977.....	496,201	475,120	971,321	61,443	1,032,764
1978.....	681,013	533,056	1,214,069	137,237	1,351,306
1979.....	806,038	585,278	1,391,316	33,997	1,425,313
1980.....	747,623	657,547	1,405,170	58,484	1,463,654
1981.....	629,058	854,196	1,483,254	85,131	1,568,385

CASH RECEIPTS FROM FARM MARKETINGS - 1980

EXCLUDING GOVERNMENT PAYMENTS



Numbers show ranking of top 10.

- Under 10 million dollars
- 10 - 19 million dollars
- 20 - 29 million dollars
- 30 - 39 million dollars
- 40 - 49 million dollars
- 50 - 59 million dollars
- 60 million dollars or more

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CASH RECEIPTS FROM MARKETINGS BY COMMODITIES 1976 - 1981 [1]

	1976	1977	1978	1979	1980	1981
			Thousand Dollars			
Livestock and Products						
Cattle and calves	373,307	412,820	582,260	700,097	640,507	506,095
Dairy products	23,653	27,092	29,775	33,515	38,592	42,280
Sheep and lambs	10,381	11,923	16,925	13,243	12,307	13,470
Wool	3,467	3,332	3,547	4,672	5,304	5,783
Hogs	27,575	23,978	34,291	28,490	26,433	35,090
Eggs	8,630	8,071	8,452	9,012	7,906	8,783
Chickens	288	174	154	85	117	174
Honey and beeswax	4,539	3,293	4,542	7,660	6,583	6,502
Other [2]	4,279	5,518	1,057	9,264	9,874	10,881
TOTAL	456,119	496,201	681,013	806,038	747,623	629,058
Crops						
Field crops						
Wheat	429,583	328,917	372,197	422,258	463,051	626,106
Barley	85,487	70,181	72,819	73,221	77,876	101,726
Sugarbeets	21,683	26,074	26,462	30,922	45,181	46,465
Hay	20,186	25,740	25,947	27,158	39,510	35,253
Potatoes	9,667	6,422	7,880	7,052	5,969	12,540
Oats	3,551	2,319	2,564	3,263	2,034	2,424
Dry edible beans	2,812	1,840	1,989	2,908	4,257	4,362
Alfalfa seed	1,229	2,705	2,854	3,299	4,285	3,674
Other [3]	3,329	4,838	13,028	6,250	7,815	14,972
Fruits and berries						
Cherries	1,079	1,300	1,276	2,006	428	874
Other [4]	35	34	40	41	41	46
Other products						
Forest	2,000	3,200	4,200	4,700	4,700	3,000
Greenhouse and nursery	1,724	1,550	1,800	2,200	2,400	2,754
TOTAL	582,365	475,120	533,056	585,278	657,547	854,196
All Commodities	1,038,484	971,321	1,214,069	1,391,316	1,405,170	1,483,254

1/ Revised.
2/ Turkey & turkey eggs, ducks, geese, other fowl, game birds, rabbits, mink, bees, horses, and mules.
3/ Dry field peas, cabbage, sweet corn, lettuce, onions, green peas, tomatoes, miscellaneous vegetables, rye, corn sorghum grain soybeans, alsike clover seed, red clover seed, mustard seed, timothy seed, Kentucky bluegrass seed, bromegrass seed, tescue seed, rapeseed wheatgrass seed, white clover seed, flaxseed, and other seeds.
4/ Apples, plums, prunes, strawberries, raspberries, other berries.

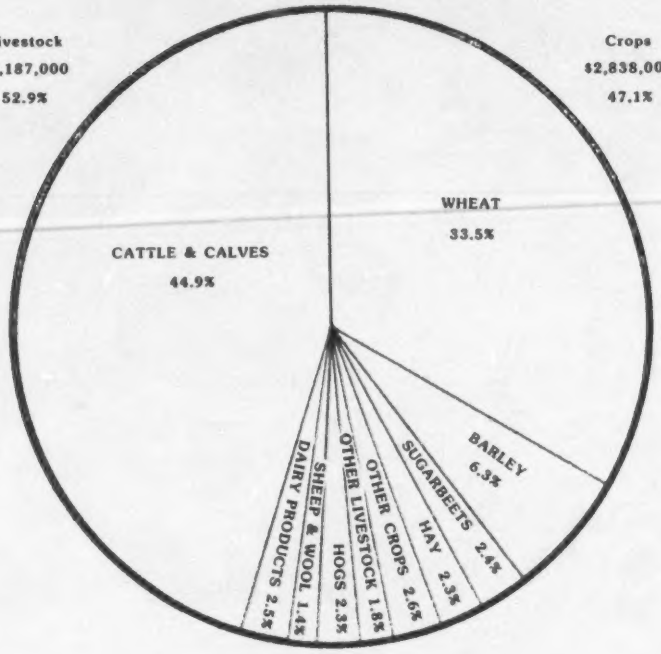
CASH RECEIPTS FROM MARKETINGS BY COMMODITIES AS A PERCENT OF TOTAL RECEIPTS FOR ALL COMMODITIES - 1976 - 1981 [1]

	1976	1977	1978	1979	1980	1981
			Percent of Total			
Livestock and Products						
Cattle and calves	35.9	42.5	48.0	50.3	45.6	34.1
Dairy products	2.3	2.8	2.4	2.4	2.7	2.9
Sheep and lambs	1.0	1.2	1.4	1.0	.9	.9
Wool	.3	.3	.3	.3	.4	.4
Hogs	2.7	2.5	2.8	2.0	1.9	2.4
Chickens and eggs	.9	.9	.7	.7	.6	.6
Honey and beeswax	.4	.3	.4	.5	.4	.4
Other	.4	.6	.1	.7	.7	.7
TOTAL	43.9	51.1	56.1	57.9	53.2	42.4
Crops						
Wheat	41.4	33.9	30.7	30.3	33.0	42.2
Barley	8.2	7.2	6.0	5.3	5.5	6.9
Sugarbeets	2.1	2.7	2.2	2.2	3.2	3.1
Hay	1.9	2.6	2.1	2.0	2.8	2.4
Potatoes	.9	.7	.6	.5	.4	.8
Other	1.6	1.8	2.3	1.8	1.9	2.2
TOTAL	56.1	48.9	43.9	42.1	46.8	57.6
All Commodities	100.0	100.0	100.0	100.0	100.0	100.0

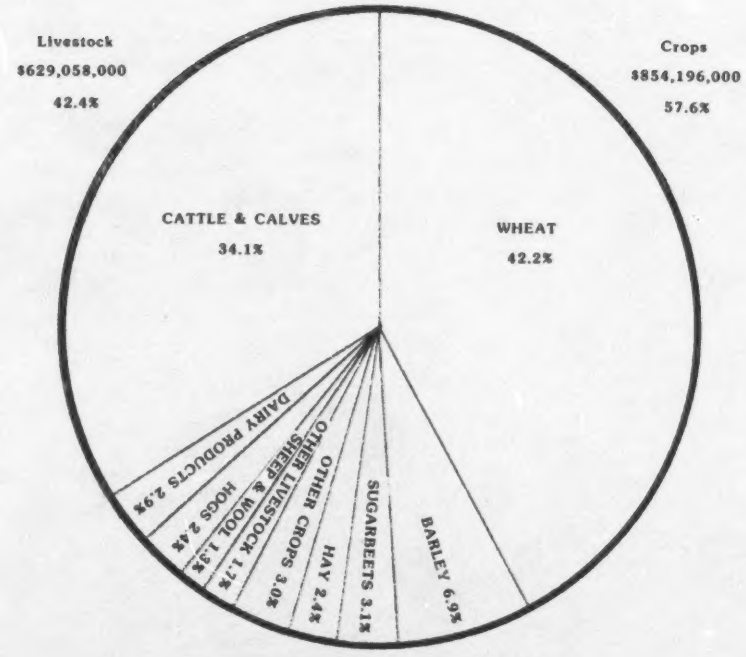
1/ Revised.

CASH RECEIPTS
FROM FARM MARKETINGS of COMMODITIES

1976-80 AVERAGE



1981



GROSS and NET INCOME FROM FARMING: MONTANA 1977-1981

ITEM	1977 [1/]	1978	1979	1980	1981
	million dollars				
Cash Receipts from Marketings	971.3	1,214.1	1,391.3	1,405.2	1,483.3
Government Payments	61.4	137.2	34.0	58.5	85.1
Non-money Income	99.7	122.8	136.0	156.0	167.8
Other Farm Income	19.6	15.0	18.8	18.7	23.4
Total Gross Income	1,152.0	1,489.1	1,580.1	1,638.4	1,759.6
Farm Production Expenses	997.7	1,244.0	1,482.1	1,598.3	1,758.8
Realized Net Farm Income	154.4	245.1	98.0	40.1	.8
Net Change in Farm Inventories	-113.4	12.8	-60.4	15.1	159.5
Total Net Farm Income	41.0	257.9	37.6	55.2	160.3

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA--ERS.

1/ Beginning with 1977, based on the 1974 Census of Agriculture definition of a farm, which is a farm with sales of $1,000 or more.

FARM PRODUCTION EXPENSES: MONTANA 1977-1981 [1/]

ITEM	1977	1978	1979	1980	1981
	million dollars				
Current Farm Operating Expenses:					
Feed	62.6	99.6	121.9	121.1	108.1
Livestock	27.4	86.3	86.1	52.9	44.6
Seed [2/]	8.6	12.8	14.4	16.3	19.3
Fertilizer and Lime	53.0	65.0	93.7	95.4	109.2
Repairs and Operation of Capital Items [3/]	143.3	162.5	195.1	232.3	256.9
Hired Labor [4/]	63.3	91.1	119.8	134.5	137.6
Miscellaneous [5/]	197.0	231.1	288.7	287.6	347.1
Total Current Expenses	555.2	748.4	919.7	940.1	1,022.8
Depreciation and Other Consumption of Farm Capital [6/]	207.6	227.2	242.0	283.0	313.1
Taxes on Farm Property	93.0	82.5	128.8	139.7	146.8
Interest on Farm Mortgage Debt	90.6	103.2	123.1	147.7	169.8
Net Rent to Non-operator Landlords	51.3	82.7	68.5	87.8	106.3
Total Production Expenses	997.7	1,244.0	1,482.1	1,598.3	1,758.8

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA--ERS.

1/ Details may not add to totals because of rounding.
2/ Includes bulbs, plants, and trees.
3/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.
4/ Includes cash wages, prequisites and social security taxes paid by employees.
5/ Includes Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery products, grazing fees, net insurance premiums (fire, wind, and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, misc. hardware, machine hire and custom work, misc. livestock and poultry supplies, pesticides, short-term interest, telephones (business share), veterinary services and medicines (insemination) and other misc.
6/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

CASH RECEIPTS BY COUNTIES - 1980 [1]

From sale of Principal Products and Government Payments

COUNTY & DISTRICT	Livestock and Livestock Products	Crops	Total Receipts from Marketings	Government Payments	All Cash Receipts
			Dollars		
Deer Lodge	971,000	899,000	1,870,000	19,000	1,889,000
Flathead	7,749,000	8,800,000	16,549,000	148,000	16,697,000
Granite	9,224,000	1,725,000	10,949,000	56,000	11,005,000
Lake	15,027,000	9,336,000	24,363,000	175,000	24,538,000
Lincoln	1,656,000	1,028,000	2,684,000	109,000	2,793,000
Mineral	844,000	445,000	1,289,000	11,000	1,300,000
Missoula	5,166,000	2,926,000	8,092,000	109,000	8,201,000
Powell	11,703,000	2,974,000	14,677,000	101,000	14,778,000
Ravalli	16,928,000	3,238,000	20,166,000	189,000	20,355,000
Sanders	4,671,000	907,000	5,578,000	213,000	5,791,000
N. WEST	73,939,000	32,278,000	106,217,000	1,130,000	107,347,000
Blaine	15,091,000	18,012,000	33,103,000	699,000	33,802,000
Choteau	14,072,000	48,617,000	62,689,000	2,355,000	65,044,000
Glacier	10,535,000	19,290,000	29,825,000	535,000	30,360,000
Hill	6,924,000	40,325,000	47,249,000	1,478,000	48,727,000
Liberty	3,930,000	27,617,000	31,547,000	313,000	31,860,000
Phillips	19,843,000	13,720,000	33,563,000	1,223,000	34,786,000
Pondera	9,262,000	29,536,000	38,798,000	231,000	39,029,000
Teton	26,506,000	29,097,000	55,603,000	570,000	56,173,000
Toole	5,341,000	32,501,000	37,842,000	465,000	38,307,000
N. CENTRAL	111,504,000	258,715,000	370,219,000	7,869,000	378,088,000
Daniels	5,922,000	16,023,000	21,945,000	3,596,000	25,541,000
Dawson	10,497,000	17,920,000	28,417,000	3,079,000	31,496,000
Garfield	14,588,000	5,377,000	19,965,000	2,610,000	22,575,000
McCone	10,304,000	14,884,000	25,188,000	4,697,000	29,885,000
Richland	32,033,000	25,634,000	57,667,000	3,946,000	61,613,000
Roosevelt	9,573,000	23,305,000	32,878,000	4,970,000	37,848,000
Sheridan	4,878,000	26,537,000	31,415,000	2,783,000	34,198,000
Valley	17,401,000	22,210,000	39,611,000	4,303,000	43,914,000
N. EAST	105,196,000	151,890,000	257,086,000	29,984,000	287,070,000
Broadwater	6,330,000	12,608,000	18,938,000	125,000	19,063,000
Cascade	41,567,000	20,202,000	61,769,000	948,000	62,717,000
Fergus	29,294,000	17,325,000	46,619,000	728,000	47,347,000
Golden Valley	11,521,000	1,953,000	13,474,000	272,000	13,746,000
Judith Basin	18,824,000	11,566,000	30,390,000	264,000	30,654,000
Lewis & Clark	14,040,000	2,955,000	16,995,000	183,000	17,178,000
Meagher	15,542,000	1,557,000	17,099,000	101,000	17,200,000
Musselshell	10,797,000	3,244,000	14,041,000	386,000	14,427,000
Petroleum	8,744,000	921,000	9,665,000	239,000	9,904,000
Wheatland	10,575,000	2,334,000	12,909,000	167,000	13,076,000
CENTRAL	167,234,000	74,665,000	241,899,000	3,413,000	245,312,000
Beaverhead	39,256,000	5,260,000	44,516,000	194,000	44,710,000
Gallatin	25,062,000	18,977,000	44,039,000	158,000	44,197,000
Jefferson	4,167,000	1,090,000	5,257,000	108,000	5,365,000
Madison	23,655,000	3,167,000	26,822,000	137,000	26,959,000
Silver Bow	5,180,000	391,000	5,571,000	18,000	5,589,000
S. WEST	97,320,000	28,885,000	126,205,000	615,000	126,820,000
Big Horn	38,185,000	17,271,000	55,456,000	1,294,000	56,750,000
Carbon	22,359,000	14,577,000	36,936,000	330,000	37,266,000
Park	14,034,000	3,152,000	17,186,000	109,000	17,295,000
Stillwater	21,737,000	5,626,000	27,363,000	370,000	27,733,000
Sweet Grass	11,053,000	974,000	12,027,000	198,000	12,225,000
Treasure	4,659,000	6,901,000	11,560,000	503,000	12,063,000
Yellowstone	64,443,000	25,424,000	89,867,000	849,000	90,716,000
S. CENTRAL	176,470,000	73,925,000	250,395,000	3,653,000	254,048,000
Carter	14,225,000	3,351,000	17,576,000	2,693,000	20,269,000
Custer	25,341,000	7,612,000	32,953,000	2,084,000	35,037,000
Fallon	7,851,000	6,102,000	13,953,000	2,142,000	16,095,000
Powder River	16,783,000	4,385,000	21,168,000	786,000	21,954,000
Prairie	9,560,000	6,327,000	15,887,000	1,175,000	17,062,000
Rosebud	18,528,000	8,243,000	26,771,000	1,089,000	27,860,000
Wibaux	4,929,000	4,072,000	9,001,000	1,851,000	10,852,000
S. EAST	97,217,000	40,092,000	137,309,000	11,820,000	149,129,000
STATE	828,880,000	660,450,000	1,489,330,000	58,484,000	1,547,814,000

1) Includes estimates of inter-farm and intra-state sales resulting in larger total cash receipts than shown in USDA estimate on previous pages:

SOURCE: Bureau of Economic Analysis U.S. Department of Commerce, Washington D.C.

NUMERICAL RANKING OF COUNTIES

COUNTY	1981 Crop Production						
	All Wheat	Winter Wheat	Spring Wheat Excl. Durum	Durum Wheat	Barley	Oats	All Hay
Beaverhead	37	39	23		27	41	1
Big Horn	19	10	27		15	48	7
Blaine	10	9	11	12	14	4	21
Broadwater	24	16	20		17	32	29
Carbon	35	27	31	27	18	29	8
Carter	36	21	34	28	47	26	26
Cascade	11	7	14	18	6	24	9
Choteau	2	2	2	8	1	11	23
Custer	28	22	29	24	39	25	27
Daniels	16	51	7	7	38	19	46
Dawson	14	19	16	13	28	7	35
Deer Lodge	53		50		50		44
Fallon	29	33	21	21	45	22	33
Fergus	15	4	24	17	5	16	4
Flathead	40	29	32		11	47	19
Gallatin	25	14	22		8	30	3
Garfield	26	31	18	20	20	5	47
Glacier	17	20	8	14	4	14	37
Golden Valley	31	18	45		37	20	45
Granite	55		55		53	54	28
Hill	1	1	1	15	13	8	40
Jefferson	47	36	43		51	44	32
Judith Basin	21	12	25	25	7	13	36
Lake	38	23	33		21	10	6
Lewis & Clark	39	32	35		36	34	14
Liberty	4	5	5	9	10	38	52
Lincoln	54		53		55	52	49
McCone	12	15	10	16	19	18	43
Madison	42	37	30		34	46	2
Meagher	44	40	52		23	39	25
Mineral	52		54		56	53	53
Missoula	50	48	47		46	50	25
Musselshell	33	30	36		33	43	31
Park	41	34	40		32	31	11
Petroleum	46	45	48		44	49	38
Phillips	20	17	12	19	16	1	12
Pondera	5	3	15	4	2	9	34
Powder River	34	28	44	26	48	23	22
Powell	51	49	46		40	51	17
Prairie	30	26	39		41	28	48
Ravalli	48	41	42		35	27	16
Richland	13	35	9	6	22	6	25
Roosevelt	6	46	4	2	29	2	30
Rosebud	23	25	26		31	35	24
Sanders	49	44	51		52	40	20
Sheridan	7	50	13	1	30	3	42
Silver Bow					54	55	50
Stillwater	22	13	41		26	42	18
Sweet Grass	43	38	49		42	21	13
Teton	9	6	17	5	3	15	5
Toole	3	11	6	3	9	33	51
Treasure	45	47	38	23	43	37	41
Valley	8	43	3	11	25	17	15
Wheatland	32	24	37		24	24	39
Wibaux	27	42	19	10	49	49	39
Yellowstone	18	8	28	22	12	12	10

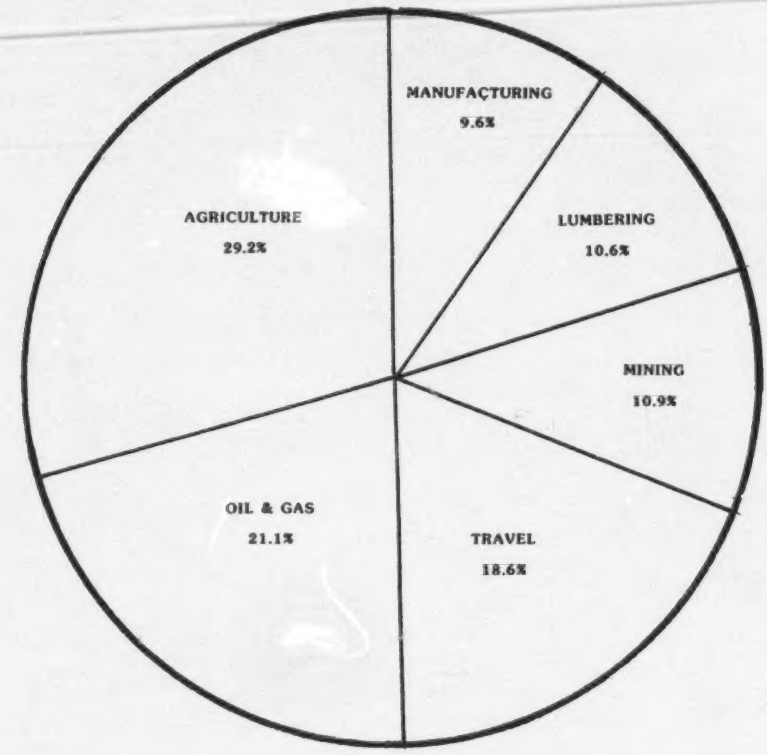
NUMERICAL RANKING OF COUNTIES

COUNTY	Cash Receipts-1980 All Products	Cash Receipts-1980 Livestock and Products	Cash Receipts-1980 Crops	Livestock Numbers Cattle Jan. 1,1981	Livestock Numbers Sheep Jan. 1,1981	Livestock Numbers Hogs Dec. 1,1980
Beaverhead	9	3	34	1	3	21
Big Horn	6	4	18	3	35	18
Blaine	16	20	15	7	17	12
Broadwater	33	43	23	43	32	40
Carbon	14	11	21	17	10	28
Carter	34	23	37	19	1	34
Cascade	3	2	12	15	16	24
Chouteau	2	24	1	20	40	1
Custer	17	8	28	10	26	36
Daniels	29	44	19	48	42	10
Dawson	23	33	16	30	36	34
Deer Lodge	55	55	54	52	54	51
Fallon	42	40	31	26	32	14
Fergus	8	6	17	2	9	3
Flathead	38	41	26	49	46	9
Gallatin	10	9	14	12	20	21
Farfield	32	22	33	16	2	31
Glacier	22	32	13	37	43	5
Golden Valley	43	28	46	38	23	18
Granite	47	38	47	35	45	55
Hill	7	42	2	43	48	4
Jefferson	53	52	49	44	49	44
Judith Basin	21	14	24	14	19	43
Lake	28	21	25	18	28	12
Lewis & Clark	37	25	43	32	15	37
Liberty	19	53	6	51	56 [1/]	32
Lincoln	54	54	50	54	53 [3/]	49
McCone	27	34	20	29	4	35
Madison	25	10	40	4	8	23
Meagher	36	19	48	13	22	40
Mineral	56	56	55	56	51 [2/]	56
Missoula	50	47	44	53	51 [2/]	52
Musselshell	41	30	38	33	14	38
Park	35	26	41	23	37	42
Petroleum	48	39	52	36	22	55
Phillips	15	13	22	5	11	18
Pondera	12	37	4	40	29	2
Powder River	30	18	35	9	7	47
Powell	40	27	42	22	44	48
Prairie	39	36	30	31	30	29
Ravalli	31	17	39	28	24	25
Richland	4	5	8	27	25	26
Roosevelt	18	35	10	39	27	13
Rosebud	26	15	27	8	13	30
Sanders	51	50	53	45	48	50
Sheridan	20	49	7	46	41	27
Silver Bow	52	46	56	55	56 [1/]	55
Stillwater	24	12	32	25	12	19
Sweet Grass	45	29	51	24	5	42
Teton	5	7	5	21	18	6
Toole	13	45	3	50	39	7
Treasure	46	51	29	41	53 [3/]	47
Valley	11	16	11	11	34	9
Wheatland	44	31	45	34	6	15
Wibaux	49	48	36	47	38	45
Yellowstone	1	1	9	6	33	22

1/ Liberty and Silver Bow tie for sheep for numerical ranking of counties.
2/ Mineral and Missoula tie for sheep for numerical ranking of counties.
3/ Lincoln and Treasure tie for sheep fornumerical ranking of counties.

RELATIVE IMPORTANCE OF SELECTED MAJOR MONTANA INDUSTRIES

Percent of Total



MONTANA PRIMARY INDUSTRIES

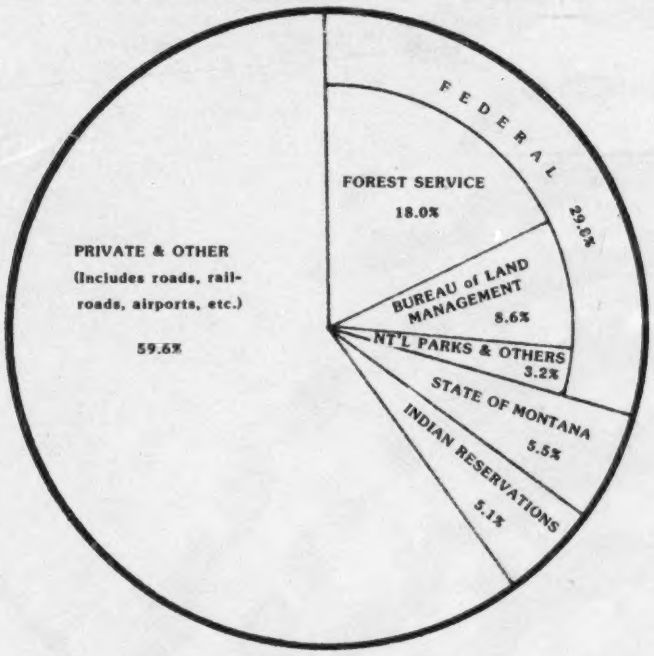
INDUSTRY	BASIS	YEAR	VALUE IN THOUSANDS
Agriculture 1/	Cash Receipts	1981	$1,568,385
Oil & Gas 2/	Value of Production	1981	1,133,868
Travel & Tourism 3/	Value of Receipts	1981	1,000,000
Mining 2/	Value of Production	1981	584,062
Lumber, Paper & Wood Products 4/	Value of Production	1981	571,000
Manufacturing 5/	Value Added	1977	515,000
TOTAL			$5,372,315

1/ USDA--ERS (Includes Government Payments).
2/ Montana Department of Revenue.
3/ Montana Department of Commerce, Montana Promotion Bureau.
4/ Bureau of Business & Economic Research, University of Montana (Preliminary).
5/ US Department of Commerce--Census of Manufacturers,1977.

MONTANA LAND AREA and LAND IN FARMS

MONTANA LAND AREA (93.2 Million Acres)

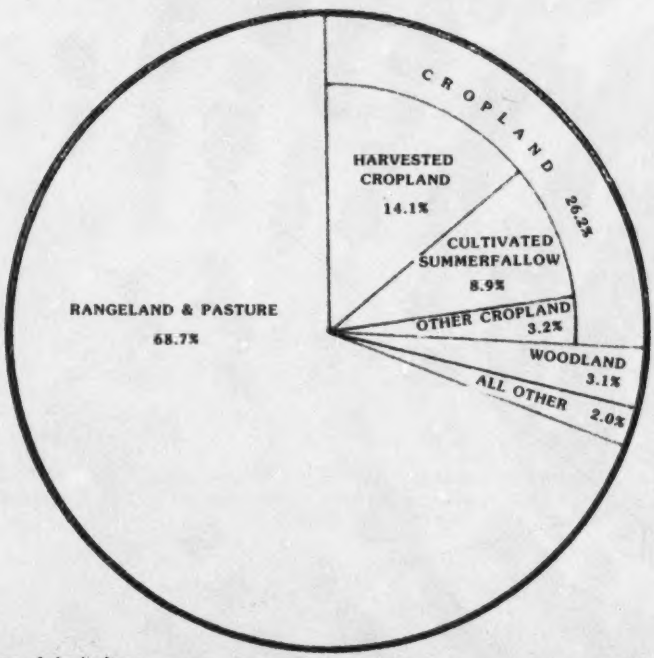
Ownership as Percentage of Total


FEDERAL 29.6%
FOREST SERVICE 18.0%
BUREAU of LAND MANAGEMENT 8.6%
NT'L PARKS & OTHERS 3.2%
STATE OF MONTANA 5.5%
INDIAN RESERVATIONS 5.1%
PRIVATE & OTHER (Includes roads, railroads, airports, etc.) 59.6%

Sources: BLM, "Public Land Statistics, 1980"; USFS; BIA; State of Montana Department of Lands; Total Land Area per 1978 Census of Agriculture.

LAND IN FARMS & RANCHES (62.3 Million Acres)

Utilization as Percentage of Total



Source: 1978 Census of Agriculture.

NUMBER OF WORKERS ON FARMS

Family and Hired Workers, 1972 - 1982

Year	January	April	July	October	Annual Average
			Numbers		
			Total Workers		
1972	27,000	45,000	51,000	37,000	40,000
1973	26,000	42,000	55,000	38,000	40,000
1974	22,000	37,000	51,000	39,000	37,000
1975	26,000	29,000	41,000	33,000	32,000
1976	28,000	34,000	39,000	32,000	33,300
1977	22,600	36,000	41,000	28,000	31,900
1978	24,500	34,100	41,000	31,600	32,800
1979	30,200	34,000	43,000	26,000	33,500
1980	25,000	35,000	42,000	34,000	34,000
1981	33,600	35,000			
			Family Workers		
1972	23,000	33,000	31,000	28,000	29,000
1973	22,000	31,000	30,000	28,000	28,000
1974	16,000	26,000	31,000	26,000	25,000
1975	18,000	20,000	26,000	23,000	22,000
1976	21,000	25,000	27,000	23,000	24,000
1977	18,000	28,000	29,000	22,000	24,000
1978	20,000	27,000	27,000	26,000	25,000
1979	23,300	23,000	32,000	17,000	24,000
1980	16,000	25,000	31,000	28,000	25,000
1981	16,000	25,000			
			Hired Workers		
1972	4,000	12,000	20,000	9,000	11,000
1973	4,000	11,000	25,000	10,000	13,000
1974	6,000	11,000	20,000	13,000	13,000
1975	8,000	9,000	15,000	10,000	11,000
1976	7,000	9,000	12,000	9,000	9,300
1977	4,600	8,000	12,000	6,000	7,700
1978	4,500	7,100	14,000	5,600	7,800
1979	6,900	11,000	11,000	9,000	9,500
1980	9,000	10,000	11,000	6,000	9,000
1981 1/	9,600	10,000			

FARM WAGE RATES

Paid to all Hired Workers Per Hour, 1972 - 1982

Year	January	April	July	October	Annual Average
			Dollars		
1972	1.80	1.80	1.80	1.93	1.83
1973	1.95	2.00	2.04	2.08	2.02
1974	2.22	1.84	1.97	2.35	2.10
1975	2.38	1.94	1.89	2.55	2.19
1976	2.53	2.20	2.08	2.42	2.31
1977	2.58	2.30	2.10	2.37	2.34
1978	2.50	2.72	2.38	2.53	2.49
1979	2.84	2.80	2.52	2.93	2.74
1980	3.25	3.14	2.67	3.17	3.03
1981 1/	2.52	3.14			

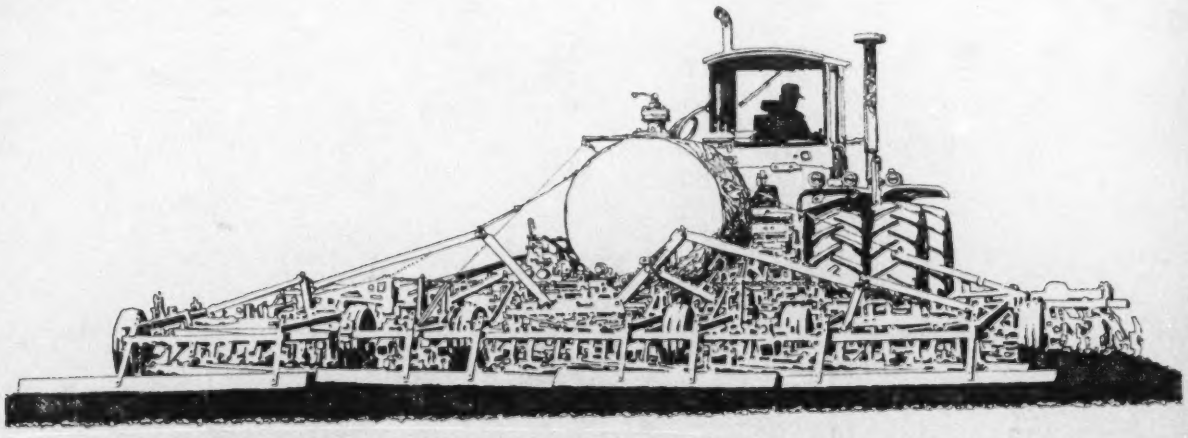
1/ Series discontinued after April 1981.

COMMERCIAL FERTILIZER CONSUMPTION

By Primary Nutrients and Fertilizer Materials, 1976 - 1981 [1/]

PRIMARY NUTRIENTS	1976	1977	1978	1979	1980	1981
Nitrogen	53,982	64,024	53,982	76,382	64,889	86,440
Available P_2O_5	62,989	74,294	59,816	78,997	57,450	70,069
K_2O	5,725	8,609	5,298	10,292	8,759	10,836
TOTAL NUTRIENTS [2/]	122,696	146,927	119,097	165,671	131,098	167,345
FERTILIZER MATERIALS						
NITROGEN MATERIALS:						
Anhydrous Ammonia	3,683	6.055	2,607	6,576	8,255	23,386
Aqua Ammonia	30	148	47	0	0	0
Ammonium Nitrate	68,588	69,115	57,519	66,088	59,615	73,116
Ammonium Sulphate	1,450	5,174	3,969	5,469	15,244	8,109
Nitrogen Solution	4,707	5,143	5,121	6,846	8,401	15,717
Urea	4,455	9,261	14,741	34,455	23,570	26,363.
Other	3,875	1,036	0	250	0	1,387
PHOSPHATE MATERIALS:						
Phosphate Rock	0	50	0	0	0	0
Superphosphate-over 25%	8,305	10,581	10,083	7,977	6,274	7,259
Ammonium Phosphate	33,890	27,144	21,777	16,626	19,574	25,567
Other	1,306	991	291	824	786	422
POTASH MATERIALS:						
Chloride 50-62%	8,725	13,318	7,188	0	10,522	12,673
Other	0	0	0	15,020	6,197	6,895
NATURAL ORGANIC	153	127	0	0	0	668
SECONDARY AND MICRONUTRIENTS:						
Gypsum	5,823	9,587	6,791	3,227	958	422
Other	217	406	495	3,911	5,002	5,699
MIXTURES	111,176	143,946	119,293	166,565	116,065	133,444
TOTAL MATERIALS AND MIXTURES	256,383	302,082	249,922	333,834	280,463	341,127

1/ Year ending June 1.
2/ Data for some years may not add due to rounding.

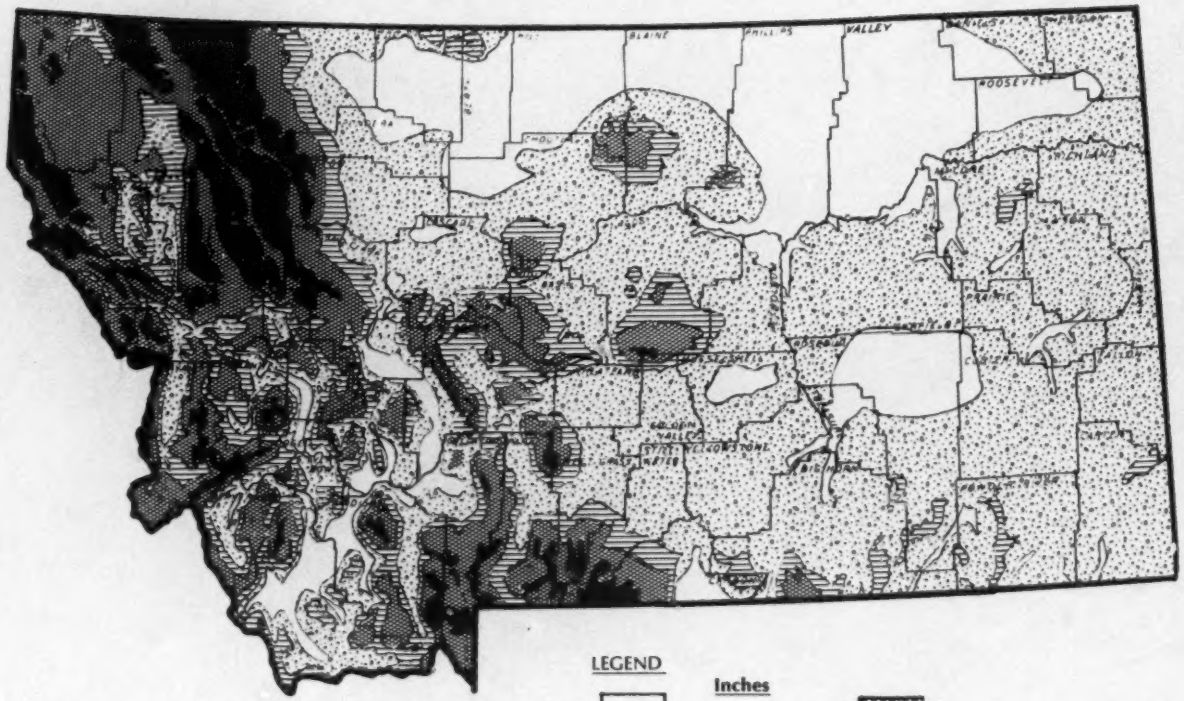


ALL CROPS, IRRIGATED and NOT IRRIGATED -- 1980-1981

Acres Harvested

COUNTY & DISTRICT	IRRIGATED 1980 Acres Harvested	IRRIGATED 1981 Acres Harvested	NOT IRRIGATED 1980 Acres Harvested	NOT IRRIGATED 1981 Acres Harvested
Deer Lodge.....	16,740	15,940	900	1,100
Flathead.....	35,100	34,700	50,600	45,600
Granite.....	30,510	31,600	1,700	2,400
Lake.....	53,150	52,800	43,500	33,600
Lincoln.....	7,700	7,400	4,200	3,500
Mineral.....	1,800	1,900	1,500	1,500
Missoula.....	20,100	26,250	10,900	13,750
Powell.....	45,600	50,900	17,700	11,100
Ravalli.....	41,150	41,560	6,000	6,300
Sanders.....	21,750	22,450	18,100	19,250
N. WEST	273,600	285,500	155,100	138,100
Blaine.....	36,750	33,700	218,600	239,200
Chouteau.....	12,850	23,500	610,800	695,800
Glacier.....	13,900	26,500	212,500	207,000
Hill.....	9,700	5,800	564,000	624,300
Liberty.....	5,000	4,400	269,500	308,400
Phillips.....	39,000	43,100	189,500	220,100
Pondera.....	43,800	49,400	238,800	270,700
Teton.....	85,100	92,100	177,600	202,200
Toole.....	4,200	3,500	300,300	347,200
N. CENTRAL	250,300	282,000	2,781,600	3,114,900
Daniels.....	2,400	4,000	243,600	293,100
Dawson.....	18,410	24,630	180,200	227,900
Garfield.....	5,500	6,900	90,200	153,800
McCone.....	6,500	7,300	188,300	278,800
Richland.....	35,400	48,240	153,100	223,800
Roosevelt.....	7,500	7,600	351,600	424,700
Sheridan.....	2,000	3,600	333,000	372,000
Valley.....	33,100	47,000	332,200	359,600
N. EAST	110,810	149,270	1,872,200	2,333,700
Broadwater.....	37,700	42,500	35,000	39,500
Cascade.....	30,750	25,800	235,800	255,000
Fergus.....	12,200	18,200	340,200	342,600
Golden Valley....	6,100	11,800	46,200	44,700
Judith Basin.....	9,200	5,800	145,600	162,800
Lewis & Clark....	48,650	40,300	30,100	28,100
Meagher.....	37,400	40,400	22,900	29,200
Musselshell.....	11,200	14,800	32,800	46,800
Petroleum.....	9,150	9,000	12,900	24,400
Wheatland.....	22,300	15,700	44,500	60,700
CENTRAL	224,650	224,300	946,000	1,033,800
Beaverhead.....	185,850	158,900	15,200	10,200
Gallatin.....	92,600	90,800	86,200	68,800
Jefferson.....	25,750	27,500	15,600	10,700
Madison.....	100,000	106,650	12,200	14,800
Silver Bow.....	10,900	7,300	700	1,000
S. WEST	415,100	391,150	129,900	105,500
Big Horn.....	38,190	34,860	164,300	182,700
Carbon.....	59,460	59,820	40,000	46,500
Park.....	45,900	48,300	35,100	35,400
Stillwater.....	23,020	28,520	108,100	107,900
Sweet Grass.....	40,700	43,400	30,700	26,500
Treasure.....	19,480	20,550	14,100	17,600
Yellowstone.....	78,860	82,820	125,600	137,900
S. CENTRAL	305,610	318,270	517,900	554,500
Carter.....	6,700	6,000	81,050	109,200
Custer.....	30,850	19,650	56,200	104,400
Fallon.....	4,300	3,500	94,900	129,000
Powder River.....	16,500	10,400	68,000	92,300
Prairie.....	10,890	12,260	43,600	66,500
Rosebud.....	29,790	28,300	55,150	99,100
Wibaux.....	2,500	2,700	79,000	101,600
S. EAST	101,530	82,810	477,900	702,100
STATE	1,681,600	1,733,300	6,880,600	7,982,600

AVERAGE ANNUAL PRECIPITATION



LEGEND

Inches

0 - 12	
12 - 16	
16 - 20	
20 - 40	
40 & more	

Based on period 1953-67

Mt. Crop & Livestock Reporting Service
Helena, Montana

Source
U.S.D.A. Soil Conservation Service
Montana Water Resources Board
National Weather Service

CLIMATOLOGICAL DATA

PREPARED BY THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA

Precipitation and Number of Days Between Freezing Temperatures 1980 - 1981

COUNTY & DISTRICT	Percipitation, Inches						Number of Days Between Dates of Temperature of 31° Last in Spring & First in Fall 1/		
				Growing Season April Thru September					
	1980	1981	Normal 2/	1980	1981	Normal 2/	1980	1981	Avg.
Deer Lodge.....E. Anaconda	----	10.30	14.32	----	7.85	9.21	----	----	----
Flathead.....Kalispell.....	20.27	18.62	16.24	11.53	10.45	8.83	87	141	114
Granite.....Phillipsburg..	22.92*	15.49	14.93	17.42	11.24	9.93	*** 58	84	71
Lake.....St. Ignatius..	24.69	21.06	16.36	17.63	14.18	10.29	*** 98	137	118
Lincoln.....Fortine.....	20.50	18.68	18.02	12.81	12.49	9.92	84	134	109
Mineral.....Superior.....	21.25*	12.13	17.93	12.28	5.48	8.57	*** 137	134	136
Missoula.....Missoula.....	19.35	17.35	13.34	13.35	11.32	7.71	110	136	123
Powell.....Ovando.....	18.75	13.79	16.43	13.21	8.49	8.49	*** 73	8	41
Ravalli.....Hamilton.....	20.11	15.58	12.99	11.43	8.99	7.14	109	134	122
Sanders.....Thompson Falls	28.44	21.03	22.52	14.75	11.11	9.10	177	141	159
N. WEST.....Average.....	21.81	16.40	16.31	13.82	10.16	8.92	104	117	110
Blaine.....Chinook.....	12.52*	11.28	11.95	9.47	8.65	8.97	*** 120	119	120
Choteau.....Ft. Benton....	13.74	17.53	14.78	10.02	12.03	10.28	109	143	126
Glacier.....Cut Bank.....	12.28	14.01	11.58	9.21	10.66	9.36	79	132	106
Hill.....Havre.....	11.42	10.05	11.55	7.10	7.27	8.59	128	143	136
Liberty.....Joplin.....	11.81	11.46	10.72	10.25	9.24	8.67	*** 102	132	117
Phillips.....Malta.....	9.40	11.93	11.58	5.77	8.64	8.91	*** 127	136	132
Pondera.....Valier.....	13.96	12.74	13.03	10.83	9.80	10.70	121	137	129
Teton.....Fairfield.....	14.93	15.13	12.51	11.99	11.72	9.85	136	144	140
N. CENTRAL.....Averages.....	12.51	13.02	12.21	9.33	9.75	9.42	115	136	126
Daniels.....Scobey.....	9.46	12.58	13.62	5.48	8.57	10.40	*** 131	136	134
Dawson.....Glendive.....	13.44	9.71	13.82	9.63	7.55	11.13	*** 153	150	152
Garfield.....Jordan.....	7.91*	12.85	11.42	4.48	10.43	9.09	107	141	124
McCone.....Vida.....	12.23*	11.36*	16.34	E 7.65	8.28	12.28	----	----	---
Richland.....Savage.....	11.98	10.96	8.40	7.21	8.77	11.69	*** 150	130	140
Roosevelt.....Culbertson....	11.32	14.70	14.18	8.17	12.31	11.36	*** 117	122	120
Sheridan.....Medicine Lake.	12.25	11.32	14.18	9.66	9.68	11.44	132	130	131
Valley.....Glasgow.....	8.95	8.79	10.87	5.90	6.18	8.53	131	140	136
N. EAST.....Averages.....	10.94*	11.53	13.56	7.27	8.97	10.74	132	136	134
Broadwater.....Townsend.....	16.63	13.55*	11.44	12.43	10.41	8.49	*** 132	140	136
Cascade.....Great Falls...	16.22	13.86	14.99	11.57	9.21	10.19	135	141	138
Fergus.....Lewistown.....	15.26	22.13	17.47	9.34	15.75	13.12	125	102	114
Golden Valley..Barber.....	13.04	13.99	12.65	7.56	11.19	9.75	*** 130	141	136
Judith Basin...Stanford.....	16.22*	19.99	12.87	11.14	15.70	11.19	*** 120	136	128
Lewis & Clark..Helena.....	17.05	13.81	11.38	12.88	10.77	7.98	134	141	138
Meagher.....White Sul Spgs.	16.41**	-----	17.51	10.43	-----	10.90	*** 105	---	---
Musselshell....Roundup.....	10.89	15.96*	11.64	7.67	12.81	9.23	*** 115	144	130
Petroleum.....Flatwillow....	11.26	13.38	13.45	5.79	10.08	10.57	*** 108	147	128
Wheatland.....Harlowtown....	15.36	12.12	12.75	10.26	9.64	9.84	107	100	104
CENTRAL.....Averages.....	14.83	15.42	13.82	9.91	11.73	10.13	121	132	128
Beaverhead.....Dillon.....	13.21	12.02*	9.55	10.48	9.06	8.45	*** 96	26	61
Gallatin.....Bozeman.....	21.23	22.70*	18.66	15.29	15.89	12.10	120	109	115
Madison.....Virginia City.	20.59	17.20*	15.93	15.33	10.83	11.05	*** 37	23	30
Silver Bow.....Butte.....	19.61	13.58	12.17	15.55	9.88	8.86	106	104	105
S. WEST.....Averages.....	18.66	16.38	14.08	14.16	11.41	10.12	90	66	78
Big Horn.....Crow Agency...	13.03*	15.06	14.87	7.27	10.30	10.18	*** 132	105	119
Carbon.....Red Lodge.....	27.42	21.37	23.20	13.72	13.77	15.06	109	100	105
Park.....Livingston....	20.29	17.75	14.89	13.59	12.73	10.68	140	146	143
Stillwater.....Columbus.....	16.49*	16.15	13.64	8.33	11.90	10.14	*** 133	135	134
Sweet Grass....Big Timber....	16.11	16.19	15.13	9.13	11.55	11.02	*** 137	146	142
Treasure.....Hysham.....	10.33	12.97	11.95	5.37	10.01	8.73	*** 136	146	141
Yellowstone....Billings.....	15.52	16.45	14.15	8.90	11.98	9.51	180	148	164
S. CENTRAL.....Averages.....	17.03	16.56	15.40	9.47	11.75	10.76	138	132	135
Carter.....Ekalaka.....	12.34	13.64	15.22	7.69	10.87	12.02	*** 118	141	130
Custer.....Miles City....	10.45	10.63	13.93	7.28	7.84	10.58	*** 137	146	142
Fallon.....Plevna.....	E 8.90*	12.56*	13.36	5.43	10.21	10.65	*** 120	141	131
Powder River...Broadus.....	11.38	10.43	14.05	7.92	8.38	10.39	113	138	126
Prairie.....Mildred.....	E 11.83**	10.21	13.28	8.13	7.93	10.63	*** 134	128	131
Rosebud.....Forsyth.....	13.15	12.14	12.13	8.94	8.72	9.51	*** 134	---	---
Wibaux.....Wibaux.....	12.49*	12.17*	14.19	7.99	9.70	11.68	*** 115	125	120
S. EAST.....Averages.....	11.51	11.68	13.74	7.63	9.09	10.78	124	137	130

1/ In this Comparison the "first in Fall" is the first freezing temperature after June 30.
2/ Normal for period 1941-1970.
-- Data not available.
* Estimated Water Equivalent of snow for one or two months.
** Estimated rainfall amount for some of the months.
*** Estimates for some of the temperatures during one or two months.

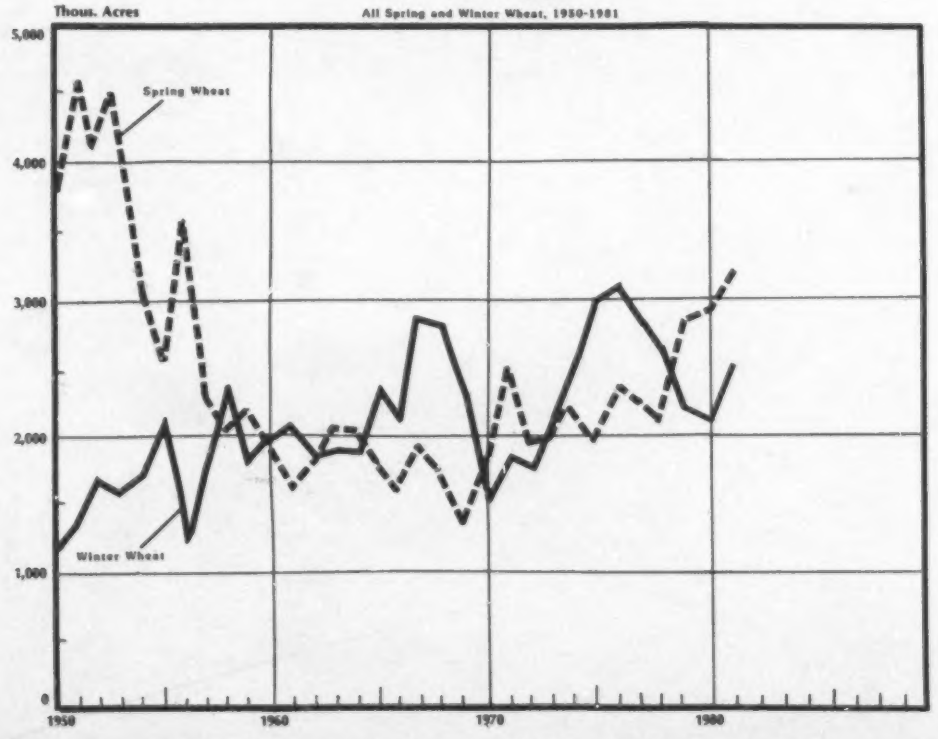
WINTER WHEAT

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Planted	ACRES Harvested for Grain	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Bu.	VALUE Value Production	VALUE Value Per Acre
			Bushels			Dollars	
1972	2,143,000	1,790,000	27.0	48,330,000	1.87	90,377,000	50.49
1973	2,200,000	2,080,000	26.5	55,120,000	4.18	230,402,000	110.77
1974	2,750,000	2,650,000	29.5	78,175,000	3.98	311,137,000	117.41
1975	3,100,000	3,000,000	35.0	105,000,000	3.34	350,700,000	116.90
1976	3,200,000	3,080,000	32.0	98,560,000	2.32	228,659,000	74.24
1977	3,050,000	2,800,000	29.0	81,200,000	2.30	182,760,000	65.27
1978	2,900,000	2,700,000	31.0	83,700,000	2.73	228,501,000	84.63
1979	3,000,000	2,250,000	25.5	57,375,000	3.60	206,550,000	91.80
1980	2,600,000	2,150,000	25.5	54,825,000	3.90	213,817,500	99.45
1981	2,700,000	2,550,000	35.0	89,250,000	3.65	325,762,500	127.75

Year	IRRIGATED Harvested for Grain	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Harvested for Grain	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
		Bushels			Bushels	
1972	26,000	52.0	1,353,000	1,764,000	26.6	46,977,000
1973	21,000	48.8	1,025,000	2,059,000	26.3	54,095,000
1974	21,900	50.6	1,107,100	2,628,100	29.3	77,067,900
1975	22,200	54.9	1,218,900	2,977,800	34.9	103,781,100
1976	22,000	51.8	1,140,000	3,058,000	31.9	97,420,000
1977	19,000	53.0	1,007,000	2,781,000	28.8	80,193,000
1978	14,000	54.0	756,000	2,686,000	30.9	82,944,000
1979	16,200	48.9	791,500	2,233,800	25.3	56,583,500
1980	23,000	56.1	1,290,200	2,127,000	25.2	53,534,800
1981	19,000	56.0	1,064,000	2,531,000	34.8	88,186,000

ACRES HARVESTED



DURUM WHEAT

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value of Production	Value Per Acre
			Bushels			Dollars	
1972.....	137,000	134,000	31.5	4,221,000	1.86	7,851,000	58.59
1973.....	185,000	182,000	22.0	4,004,000	5.90	23,624,000	129.80
1974.....	270,000	267,000	19.0	5,073,000	5.84	29,626,000	110.96
1975.....	380,000	375,000	27.0	10,125,000	4.48	45,360,000	120.96
1976.....	300,000	295,000	29.0	8,555,000	2.46	21,045,000	71.34
1977.....	230,000	220,000	22.0	4,840,000	2.69	13,020,000	59.18
1978.....	300,000	290,000	30.0	8,700,000	2.87	24,969,000	86.10
1979.....	335,000	325,000	21.0	6,825,000	4.15	28,324,000	87.15
1980.....	470,000	400,000	19.0	7,600,000	5.75	43,700,000	109.25
1981.....	490,000	480,000	23.0	11,040,000	3.60	39,744,000	82.80

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels			Bushels	
1972.....	1,000	38.0	38,000	133,000	31.5	4,183,000
1973.....	800	39.5	31,600	181,200	21.9	3,972,400
1974.....	700	38.6	27,000	266,300	18.9	5,046,000
1975.....	4,000	45.3	181,200	371,000	26.8	9,943,800
1976.....	3,300	40.7	134,400	291,700	28.9	8,420,600
1977.....	3,600	37.8	135,900	216,400	21.7	4,704,100
1978.....	800	36.0	28,800	289,200	30.0	8,671,200
1979.....	600	45.0	27,000	324,400	21.0	6,798,000
1980.....	7,000	47.0	329,000	393,000	18.5	7,271,000
1981.....	4,000	46.0	184,000	476,000	22.8	10,856,000

SPRING WHEAT EXCLUDING DURUM

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value Production	Value Per Acre
			Bushels			Dollars	
1972.....	1,850,000	1,780,000	26.0	46,280,000	1.90	87,932,000	49.40
1973.....	1,850,000	1,790,000	21.0	37,590,000	4.16	156,374,000	87.36
1974.....	2,000,000	1,940,000	19.0	36,860,000	4.57	168,450,000	86.83
1975.....	1,650,000	1,600,000	25.5	40,800,000	4.01	163,608,000	102.26
1976.....	2,080,000	2,040,000	29.5	60,180,000	2.61	157,070,000	77.00
1977.....	2,120,000	2,040,000	22.0	44,880,000	2.44	109,507,000	53.68
1978.....	1,900,000	1,850,000	29.0	53,650,000	2.77	148,611,000	80.33
1979.....	2,650,000	2,550,000	20.5	52,275,000	3.60	188,190,000	73.80
1980.....	2,900,000	2,550,000	22.5	57,375,000	4.15	238,106,250	93.38
1981.....	2,850,000	2,790,000	26.0	72,540,000	3.75	272,025,000	97.50

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels			Bushels	
1972.....	36,000	41.5	1,494,000	1,744,000	25.7	44,786,000
1973.....	34,300	41.3	1,418,300	1,755,700	20.6	36,171,700
1974.....	44,100	41.7	1,839,400	1,895,900	18.5	35,020,600
1975.....	56,100	44.1	2,471,400	1,543,900	24.8	38,328,600
1976.....	89,000	44.3	3,944,000	1,951,000	28.8	56,236,000
1977.....	77,000	45.4	3,492,000	1,963,000	21.1	41,388,000
1978.....	54,000	49.8	2,686,900	1,796,000	28.4	50,963,100
1979.....	62,300	48.9	3,048,500	2,487,700	19.8	49,226,500
1980.....	78,200	54.9	4,291,600	2,471,800	21.5	53,083,400
1981.....	106,400	55.0	5,851,900	2,683,600	24.9	66,688,100

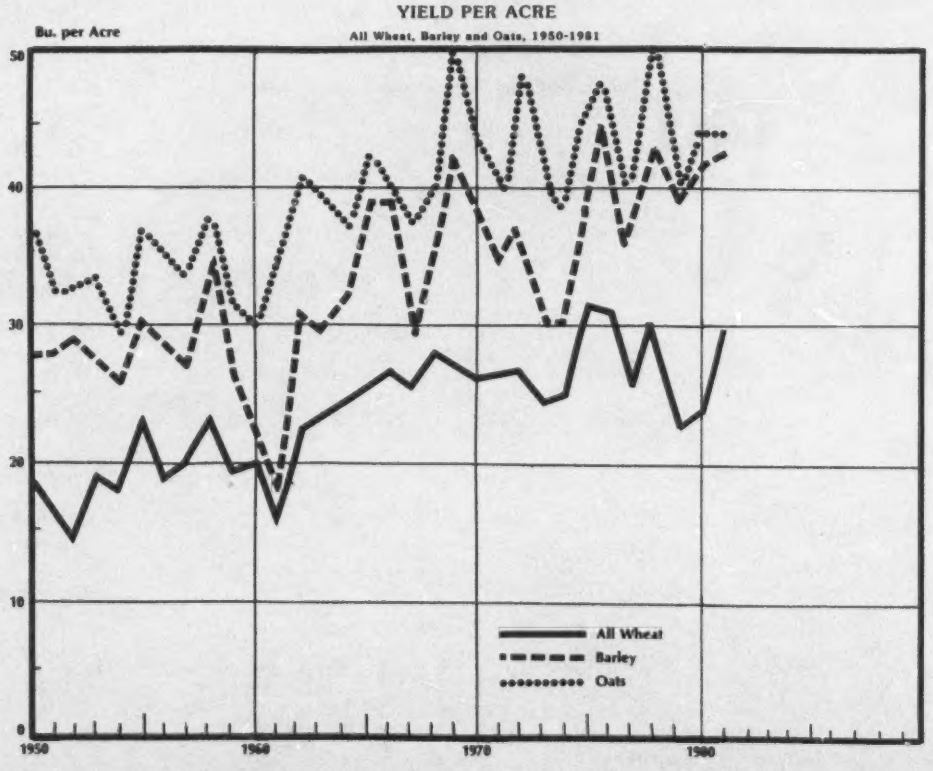
ALL WHEAT

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES		PRODUCTION		VALUE		
	Planted	Harvested for Grain	Yield Per Acre	Total	Price Per Bu.	Value Production	Value Per Acre
			Bushels			Dollars	
1972.....	4,130,000	3,704,000	26.7	98,831,000	1.88	186,160,000	50.26
1973.....	4,235,000	4,052,000	23.9	96,714,000	4.24	410,400,000	101.28
1974.....	5,020,000	4,857,000	24.7	120,108,000	4.24	509,213,000	104.84
1975.....	5,130,000	4,975,000	31.3	155,925,000	3.59	559,668,000	112.50
1976.....	5,580,000	5,415,000	30.9	167,295,000	2.43	406,774,000	75.12
1977.....	5,400,000	5,060,000	25.9	130,920,000	2.36	309,287,000	61.12
1978.....	5,100,000	4,840,000	30.2	146,050,000	2.75	402,081,000	83.07
1979.....	5,985,000	5,125,000	22.7	116,475,000	3.63	423,064,000	82.55
1980.....	5,970,000	5,100,000	23.5	119,800,000	4.14	495,623,750	97.18
1981.....	6,040,000	5,820,000	29.7	172,830,000	3.69	637,531,500	109.54

Year	IRRIGATED			NOT IRRIGATED		
	Harvested for Grain	Yield Per Acre	Production	Harvested for Grain	Yield Per Acre	Production
	Acres	Bushels		Acres	Bushels	
1972.....	63,000	45.8	2,885,000	3,641,000	26.4	95,946,000
1973.....	56,100	44.1	2,474,900	3,995,900	23.6	94,239,100
1974.....	66,700	44.6	2,973,500	4,790,300	24.5	117,134,500
1975.....	82,300	47.0	3,871,500	4,892,700	31.1	152,053,500
1976.....	114,300	45.7	5,218,400	5,300,700	30.6	162,076,600
1977.....	99,600	46.5	4,634,900	4,960,400	25.5	126,285,100
1978.....	68,800	50.5	3,471,700	4,771,200	29.9	142,578,300
1979.....	79,100	48.9	3,867,000	5,045,900	22.3	112,608,000
1980.....	108,200	54.6	5,910,800	4,991,800	22.8	113,889,200
1981.....	129,400	54.9	7,099,000	5,690,600	29.1	165,730,100

YIELD PER ACRE



OATS

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Planted	ACRES Harvested for Grain	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Bu.	VALUE Value of Production	VALUE Value Per Acre
			Bushels			Dollars	
1972.....	490,000	246,000	48.0	11,808,000	.71	8,384,000	34.08
1973.....	400,000	225,000	39.0	8,775,000	1.17	10,267,000	45.63
1974.....	300,000	175,000	38.0	6,650,000	1.61	10,707,000	61.18
1975.....	260,000	170,000	44.0	7,480,000	1.45	10,846,000	63.80
1976.....	260,000	157,000	48.0	7,536,000	1.44	10,852,000	69.12
1977.....	312,000	140,000	40.0	5,600,000	1.28	7,168,000	51.20
1978.....	400,000	208,000	51.0	10,608,000	1.23	13,048,000	62.73
1979.....	321,000	125,000	39.0	4,875,000	1.45	7,069,000	56.55
1980.....	220,000	73,000	44.0	3,212,000	1.96	6,295,520	86.24
1981.....	220,000	110,000	44.0	4,840,000	1.85	8,954,000	81.40

Year	IRRIGATED Harvested for Grain	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Harvested for Grain	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
	Acres	Bushels		Acres	Bushels	
1972.....	32,300	64.8	2,092,000	213,700	45.5	9,716,000
1973.....	30,000	58.5	1,755,000	195,000	36.0	7,020,000
1974.....	26,000	55.8	1,450,000	149,000	34.9	5,200,000
1975.....	32,000	60.0	1,920,000	138,000	40.3	5,560,000
1976.....	31,400	60.8	1,909,000	125,600	44.8	5,627,000
1977.....	27,700	61.6	1,705,000	112,300	34.7	3,895,000
1978.....	33,000	63.0	2,079,000	175,000	48.7	8,529,000
1979.....	30,400	59.0	1,794,000	94,600	32.6	3,081,000
1980.....	20,100	67.0	1,346,700	52,900	35.3	1,865,300
1981.....	24,000	69.0	1,656,000	86,000	37.0	3,184,000

BARLEY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Planted	ACRES Harvested for Grain	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Bu.	VALUE Value of Production	VALUE Value Per Acre
			Bushels			Dollars	
1972.....	1,820,000	1,707,000	37.5	64,013,000	1.22	78,096,000	45.75
1973.....	2,100,000	2,000,000	30.0	60,000,000	2.17	130,200,000	65.10
1974.....	1,370,000	1,250,000	30.0	37,500,000	2.61	97,875,000	78.30
1975.....	1,360,000	1,300,000	39.0	50,700,000	2.10	106,470,000	81.90
1976.....	1,220,000	1,170,000	44.5	52,065,000	2.03	105,692,000	90.34
1977.....	1,550,000	1,430,000	36.5	52,195,000	1.68	87,688,000	61.32
1978.....	1,500,000	1,375,000	43.0	59,125,000	1.70	100,513,000	73.10
1979.....	1,100,000	1,040,000	39.0	40,560,000	2.15	87,204,000	83.85
1980.....	1,180,000	1,050,000	42.0	44,100,000	2.83	124,803,000	118.86
1981.....	1,400,000	1,320,000	43.0	56,760,000	2.35	133,386,000	101.05

Year	IRRIGATED Harvested for Grain	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Harvested for Grain	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
	Acres	Bushels		Acres	Bushels	
1972.....	105,000	60.6	6,365,000	1,602,000	36.0	57,648,000
1973.....	126,000	54.4	6,858,500	1,874,000	28.4	53,141,500
1974.....	139,400	49.5	6,897,000	1,110,600	27.6	30,603,000
1975.....	191,000	56.3	10,745,500	1,109,000	36.0	39,954,500
1976.....	211,000	59.5	12,565,000	959,000	41.2	39,500,000
1977.....	240,000	59.0	14,160,000	1,190,000	32.0	38,035,000
1978.....	249,500	64.0	15,968,000	1,125,500	38.3	43,157,000
1979.....	235,000	63.0	14,805,000	805,000	32.0	25,755,000
1980.....	189,000	61.0	11,529,000	861,000	37.8	32,571,000
1981.....	195,000	65.0	12,675,000	1,125,000	39.2	44,085,000

NON IRRIGATED WHEAT AND BARLEY BY CROPPING PRACTICE

WINTER WHEAT

Year	SUMMERFALLOW Acres Harvested	SUMMERFALLOW Yield Per Acre	SUMMERFALLOW Production	CONTINUOUSLY CROPPED Acres Harvested	CONTINUOUSLY CROPPED Yield Per Acre	CONTINUOUSLY CROPPED Production
		Bushels			Bushels	
1972.....	1,662,600	26.9	44,738,000	101,400	22.1	2,239,000
1973.....	1,997,200	26.4	52,663,200	61,800	23.2	1,431,800
1974.....	2,491,800	29.6	73,752,400	136,300	24.3	3,315,500
1975.....	2,758,200	35.3	97,274,900	219,600	29.6	6,506,200
1976.....	2,907,900	32.1	93,410,100	150,100	26.7	4,009,900
1977.....	2,691,000	29.0	78,131,400	90,000	22.9	2,061,600
1978.....	2,592,000	31.1	80,500,000	94,000	26.0	2,444,000
1979.....	2,168,900	25.5	55,224,700	64,900	20.9	1,358,800
1980.....	2,079,500	25.3	52,611,600	47,500	19.4	923,200
1981.....	2,491,000	35.0	87,066,000	40,000	28.0	1,120,000

HARD SPRING WHEAT

Year	SUMMERFALLOW Acres Harvested	SUMMERFALLOW Yield Per Acre	SUMMERFALLOW Production	CONTINUOUSLY CROPPED Acres Harvested	CONTINUOUSLY CROPPED Yield Per Acre	CONTINUOUSLY CROPPED Production
		Bushels			Bushels	
1972.....	1,632,000	26.0	42,380,000	112,000	21.5	2,406,000
1973.....	1,680,500	20.7	34,814,200	75,200	18.1	1.357,500
1974.....	1,722,200	18.8	32,309,100	173,700	15.6	2,711,500
1975.....	1,332,400	25.6	34,152,400	211,500	19.7	4,176,200
1976.....	1,739,300	29.6	51,448,000	211,700	22.6	4,788,000
1977.....	1,786,000	21.6	38,639,500	177,000	15.5	2,748,500
1978.....	1,658,000	28.9	47,929,100	138,000	22.0	3,034,000
1979.....	2,371,000	20.0	47,406,200	116,700	15.6	1,820,300
1980.....	2,351,200	21.6	50,732,000	120,600	19.5	2,351,400
1981.....	2,541,700	25.2	63,992,300	141,900	19.0	2,695,800

DURUM WHEAT

Year	SUMMERFALLOW Acres Harvested	SUMMERFALLOW Yield Per Acre	SUMMERFALLOW Production	CONTINUOUSLY CROPPED Acres Harvested	CONTINUOUSLY CROPPED Yield Per Acre	CONTINUOUSLY CROPPED Production
		Bushels			Bushels	
1972.....	129,900	31.5	4,094,000	3,100	28.7	89,000
1973.....	176,600	22.0	3,892,700	4,500	17.7	79,700
1974.....	248,900	19.3	4,794,500	17,400	14.5	251,500
1975.....	337,000	27.3	9,186,400	34,000	22.3	757,400
1976.....	248,900	29.5	7,339,100	42,800	25.3	1,081,500
1977.....	198,900	22.2	4,411,800	17,500	16.7	292,300
1978.....	272,200	30.2	8,212,200	17,000	27.0	459,000
1979.....	301,300	21.1	6,358,700	23,100	19.0	439,300
1980.....	390,000	18.5	7,229,000	3,000	14.0	42,000
1981.....	456,000	23.1	10,511,200	20,000	17.2	344,800

BARLEY

Year	SUMMERFALLOW Acres Harvested	SUMMERFALLOW Yield Per Acre	SUMMERFALLOW Production	CONTINUOUSLY CROPPED Acres Harvested	CONTINUOUSLY CROPPED Yield Per Acre	CONTINUOUSLY CROPPED Production
		Bushels			Bushels	
1972.....	1,342,000	37.1	49,833,800	260,000	30.1	7,814,200
1973.....	1,648,100	28.8	47,405,000	225,900	25.4	5,736,500
1974.....	894,600	28.2	25,211,700	216,000	25.0	5,391,300
1975.....	807,500	38.5	31,089,500	301,500	29.4	8,865,000
1976.....	665,000	44.5	29,571,500	294,000	33.8	9,928,500
1977.....	903,800	32.9	29,755,000	286,200	28.9	8,280,000
1978.....	850,000	39.7	33,769,700	275,500	34.1	9,387,300
1979.....	639,000	32.5	20,775,000	166,000	30.0	4,980,000
1980.....	708,500	38.5	27,250,500	152,500	34.9	5,320,500
1981.....	882,700	39.4	34,816,200	242,300	38.3	9,268,800

CORN

Acreage, Production, Price, Total Value, Value Per Acre and Utilization

Year	TOTAL ACRES		FOR GRAIN			VALUE		FOR SILAGE			GRAZING AND FORAGE
				Production		Value			Production		
	Planted	Harvested	Acres Harvested	Yield Per Acre	Total	Price Per Bu.	Value of Production	Acres Harvested	Yield Per Acre	Total	
				Bushels		Dollars			Tons		Acres
1972..	80,000	79,000	6,000	78.0	468,000	1.48	693,000	68,000	16.5	1,122,000	5,000
1973..	92,000	90,000	11,000	73.0	803,000	2.61	2,096,000	73,000	17.0	1,241,000	6,000
1974..	95,000	92,000	13,000	65.0	845,000	3.43	2,898,000	73,000	16.0	1,168,000	6,000
1975..	86,000	84,000	10,000	73.0	730,000	2.78	2,029,000	68,000	17.0	1,156,000	6,000
1976..	86,000	84,000	11,000	75.0	825,000	2.45	2,021,000	68,000	16.0	1,088,000	5,000
1977..	90,000	86,000	11,000	68.0	748,000	2.27	1,698,000	70,000	17.0	1,190,000	5,000
1978..	88,000	85,000	10,000	72.0	720,000	2.25	1,620,000	71,000	21.0	1,491,000	4,000
1979..	85,000	82,000	10,000	77.0	770,000	2.40	1,848,000	68,000	16.0	1,088,000	4,000
1980..	85,000	82,000	8,000	74.0	592,000	3.60	2,131,200	70,000	17.5	1,225,000	4,000
1981..	86,000	84,000	10,000	85.0	850,000	3.30	2,805,000	71,000	17.0	1,207,000	3,000

POTATOES

Acreage, Production, Price, Total Value and Value Per Acre

Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
			Yield	Total	Price	Value of	Value
	Planted	Harvested	Per Acre	Cwt.	Per Cwt.	Production	Per Acre
				Cwt.		Dollars	
1972.....	7,700	7,500	220	1,650,000	5.05	8,333,000	1,111.07
1973.....	7,000	6,800	215	1,462,000	10.80	15,790,000	2,322.06
1974.....	7,200	7,000	250	1,750,000	4.95	8,663,000	1,237.57
1975.....	7,700	7,600	230	1,748,000	6.60	11,537,000	1,518.03
1976.....	8,500	8,400	215	1,806,000	4.50	8,127,000	967.50
1977.....	8,500	8,400	240	2,016,000	4.75	9,576,000	1,140.00
1978.....	8,800	8,700	240	2,088,000	4.00	8,352,000	960.00
1979.....	7,500	7,500	240	1,800,000	4.40	7,920,000	1,056.00
1980.....	7,000	6,900	250	1,725,000	8.50	14,662,500	2,125.00
1981.....	7,500	7,400	235	1,739,000	8.00	13,912,000	1,880.00

DRY BEANS

Acreage, Production, Price, Total Value and Value Per Acre

Principally Irrigated

Year	ACRES		PRODUCTION		VALUE		
			Yield	Total	Price	Value of	Value
	Planted	Harvested	Per Acre	Cwt.	Per Cwt.	Production	Per Acre
			100-Lb. Bags (Cleaned)			Dollars	
1972.....	11,000	11,000	17.00	187,000	8.40	1,571,000	142.82
1973.....	9,000	9,000	18.00	162,000	20.00	3,240,000	360.00
1974.....	9,000	9,000	14.00	126,000	25.80	3,251,000	295.55
1975.....	12,000	11,000	16.00	176,000	13.30	2,341,000	212.82
1976.....	9,000	9,000	17.00	153,000	11.70	1,790,000	198.89
1977.....	6,700	6,500	16.00	104,000	18.80	1,955,000	300.77
1978.....	8,400	8,400	15.00	126,000	16.50	2,079,000	247.50
1979.....	10,000	9,700	18.00	175,000	25.00	4,375,000	451.03
1980.....	12,000	11,000	16.00	176,000	25.00	4,400,000	400.00
1981.....	14,000	13,000	16.80	218,000	20.00	4,360,000	335.39

ALFALFA SEED

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Harvested	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Cwt.	VALUE Value of Production	VALUE Value Per Acre
		Pounds (Cleaned)			Dollars	
1972	12,000	80	960,000	41.70	400,000	33.33
1973	30,000	105	3,150,000	94.00	2,961,000	98.70
1974	30,000	90	2,700,000	61.00	1,647,000	54.90
1975	12,000	85	1,020,000	53.00	541,000	45.08
1976	24,000	100	2,400,000	93.50	2,244,000	93.50
1977	39,000	90	3,510,000	105.00	3,686,000	94.51
1978	26,000	85	2,210,000	100.00	2,210,000	85.00
1979	42,000	140	5,880,000	85.00	4,998,000	119.00
1980	35,000	120	4,200,000	90.00	3,780,000	108.00
1981	34,000	135	4,590,000	75.00	3,443,000	101.25

Year	IRRIGATED Acres Harvested	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
		Pounds	(Cleaned)		Pounds	(Cleaned)
1972	2,000	98	196,400	10,000	76	763,600
1973	11,000	117	1,288,000	19,000	98	1,862,000
1974	8,000	109	872,000	22,000	83	1,828,000
1975	3,000	124	372,000	9,000	72	648,000
1976	6,500	114	740,000	17,500	95	1,660,000
1977	9,900	114	1,127,000	29,100	82	2,383,000
1978	6,500	133	863,000	19,500	69	1,347,000
1979	11,000	225	2,614,000	30,400	107	3,266,000
1980	--	--	--	--	--	--
1981	--	--	--	--	--	--

SWEET CHERRIES

Production, Price and Value

Year	PRODUCTION Production	PRODUCTION Production Having Value	VALUE Average Price Per Ton	VALUE Value of Production
	Tons		Dollars	Thousand Dollars
1972	1,00	1,200	478.00	574
1973	2,510	2,510	670.00	1,682
1974	1,650	1,650	532.00	878
1975	2,400	2,400	599.00	1,438
1976	2,650	2,650	415.00	1,100
1977	2,600	2,550	518.00	1,321
1978	1,850	1,850	701.00	1,297
1979	2,950	2,950	682.00	2,012
1980	700	700	621.00	435
1981	1,240	1,240	711.00	882

SUGARBEETS

Acreage, Production, Price, Total Value and Value Per Acre

All Irrigated

Year	ACRES Planted	ACRES Harvested	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Ton 1/	VALUE Value of Production 1/	VALUE Value per Acre 1/
			Tons			Dollars	
1972	45,800	45,200	18.6	842,000	17.60	14,819,000	327.85
1973	45,900	44,600	19.8	883,000	35.50	31,347,000	702.85
1974	44,700	43,900	18.7	820,000	52.50	43,050,000	980.64
1975	48,700	48,500	17.1	829,000	30.20	25,036,000	516.21
1976	46,400	46,100	21.0	968,000	22.40	21,683,000	470.35
1977	46,400	45,000	19.9	896,000	29.10	26,074,000	579.42
1978	45,400	44,700	19.8	885,000	29.90	26,462,000	591.99
1979	44,100	43,400	19.1	829,000	32.30 2/	26,777,000	616.98
1980	44,200	43,300	20.3	879,000	51.40	45,180,600	1,043.42
1981	44,700	44,500	20.8	926,000			

1/ Excludes Government Payments.
2/ Preliminary.

ALL HAY

Acreage, Production, Price, Total Value and Value Per Acre

Year	ACRES Harvested	PRODUCTION Yield Per Acre	PRODUCTION Total	VALUE Price Per Ton Baled	VALUE Value of Production	VALUE Value Per Acre
		Tons			Dollars	
1972.....	2,420,000	1.75	4,227,000	22.00	135,264,000	55.89
1973.....	2,380,000	1.69	4,012,000	57.00	228,684,000	96.09
1974.....	2,320,000	1.74	4,047,000	45.50	184,139,000	79.37
1975.....	2,330,000	1.82	4,248,000	42.00	178,416,000	76.57
1976.....	2,210,000	1.80	3,978,000	47.50	188,955,000	85.50
1977.....	2,240,000	1.74	3,907,000	56.00	218,792,000	97.68
1978.....	2,420,000	1.89	4,576,000	44.00	201,344,000	83.20
1979.....	2,380,000	1.80	4,291,000	54.50	233,860,000	98.26
1980.....	2,200,000	1.90	4,170,000	62.50	260,625,000	118.47
1981.....	2,320,000	2.07	4,808,000	50.50	242,804,000	104.66

Year	IRRIGATED Acres Harvested	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
			Tons			Tons
1972.....	1,187,000	2.26	2,683,000	1,233,000	1.25	1,544,000
1973.....	1,329,000	2.13	2,835,000	1,051,000	1.12	1,177,000
1974.....	1,270,200	2.23	2,833,000	1,049,800	1.16	1,214,000
1975.....	1,240,800	2.21	2,742,000	1,089,200	1.38	1,506,000
1976.....	1,193,000	2.19	2,612,700	1,017,000	1.34	1,365,300
1977.....	1,114,200	2.27	2,527,400	1,125,800	1.23	1,379,600
1978.....	1,175,700	2.35	2,760,300	1,244,300	1.46	1,815,700
1979.....	1,188,100	2.41	2,862,300	1,191,900	1.20	1,428,700
1980.....	1,230,000	2.45	3,010,000	970,000	1.20	1,160,000
1981.....	1,245,000	2.62	3,261,500	1,075,000	1.44	1,546,500

ALFALFA HAY

Acreage and Production

	TOTAL Acres Harvested	TOTAL Yield Per Acre	TOTAL Production	IRRIGATED Acres Harvested	IRRIGATED Yield Per Acre	IRRIGATED Production	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield Per Acre	NOT IRRIGATED Production
		Tons			Tons			Tons	
1972....	1,200,000	2.15	2,580,000	679,400	2.72	1,847,200	520,600	1.41	732,800
1973....	1,220,000	2.10	2,562,000	760,000	2.61	1,984,000	460,000	1.26	578,000
1974....	1,220,000	2.10	2,562,000	693,000	2.75	1,905,700	527,000	1.25	656,300
1975....	1,230,000	2.30	2,829,000	683,700	2.77	1,893,600	546,300	1.71	935,400
1976....	1,170,000	2.20	2,574,000	652,800	2.77	1,807,200	517,200	1.48	766,800
1977....	1,170,000	2.15	2,516,000	616,500	2.75	1,697,100	553,500	1.48	818,900
1978....	1,320,000	2.30	3,036,0000	671,900	2.86	1,919,800	648,100	1.72	1,116,200
1979....	1,300,000	2.25	2,925,000	660,400	3.13	2,067,600	639,600	1.34	857,400
1980....	1,200,000	2.35	2,820,000	660,000	3.14	2,070,000	540,000	1.39	750,000
1981....	1,300,000	2.60	3,380,000	670,000	3.45	2,312,000	630,000	1.70	1,068,000

OTHER HAY

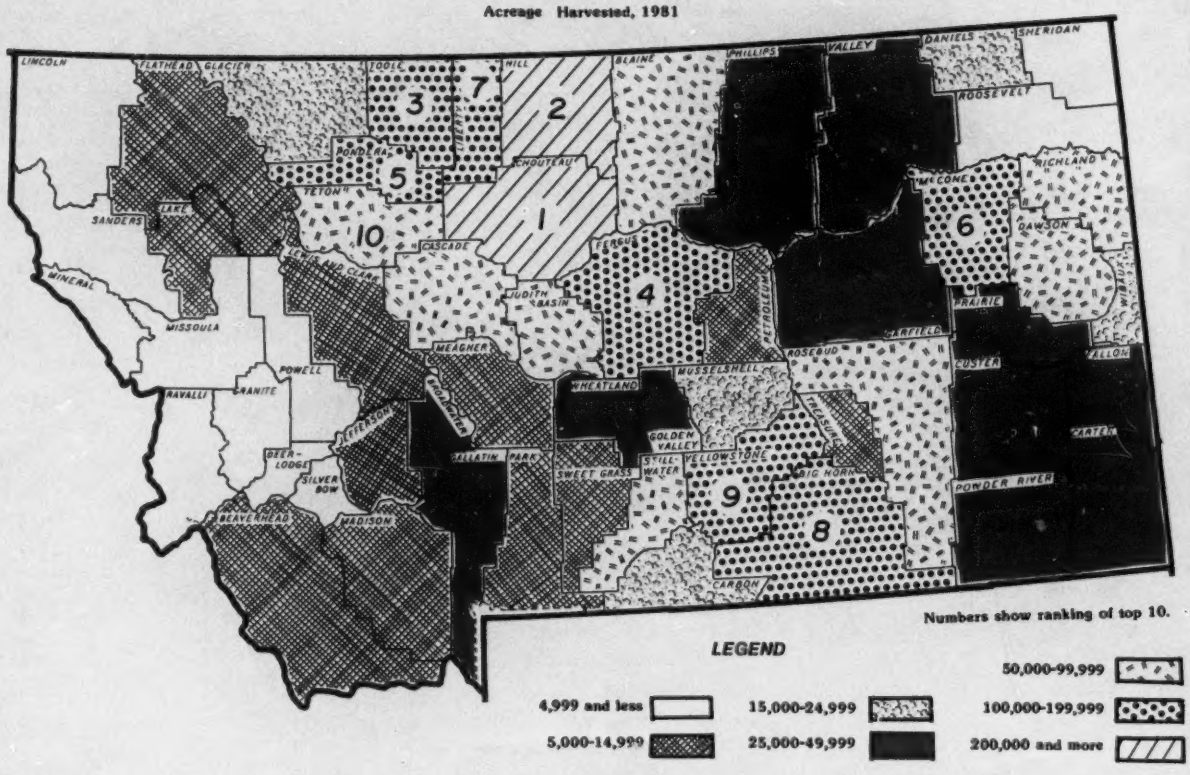
Acreage and Production

	WILD HAY Acres Harvested	WILD HAY Yield Per Acre	WILD HAY Production	ALL OTHER HAY 1/ Acres Harvested	ALL OTHER HAY 1/ Yield Per Acre	ALL OTHER HAY 1/ Production
		Tons			Tons	
1972.....	590,000	1.20	708,000	630,000	1.49	939,000
1973.....	540,000	1.10	594,000	620,000	1.38	856,000
1974.....	510,000	1.26	643,000	590,000	1.43	842,000
1975.....	510,000	1.20	612,000	590,000	1.37	807,000
1976.....	540,000	1.21	654,000	500,000	1.50	750,000
1977.....	500,000	1.20	600,000	570,000	1.38	791,000
1978.....	560,000	1.30	728,000	540,000	1.50	812,000
1979.....	540,000	1.20	648,000	540,000	1.40	756,000
1980.....	425,000	1.00	425,000	575,000	1.61	925,000
1981.....	450,000	1.20	540,000	570,000	1.56	888,000

1/ Includes clover-timothy, grain and other hay.

WINTER WHEAT

Acreage Harvested, 1981



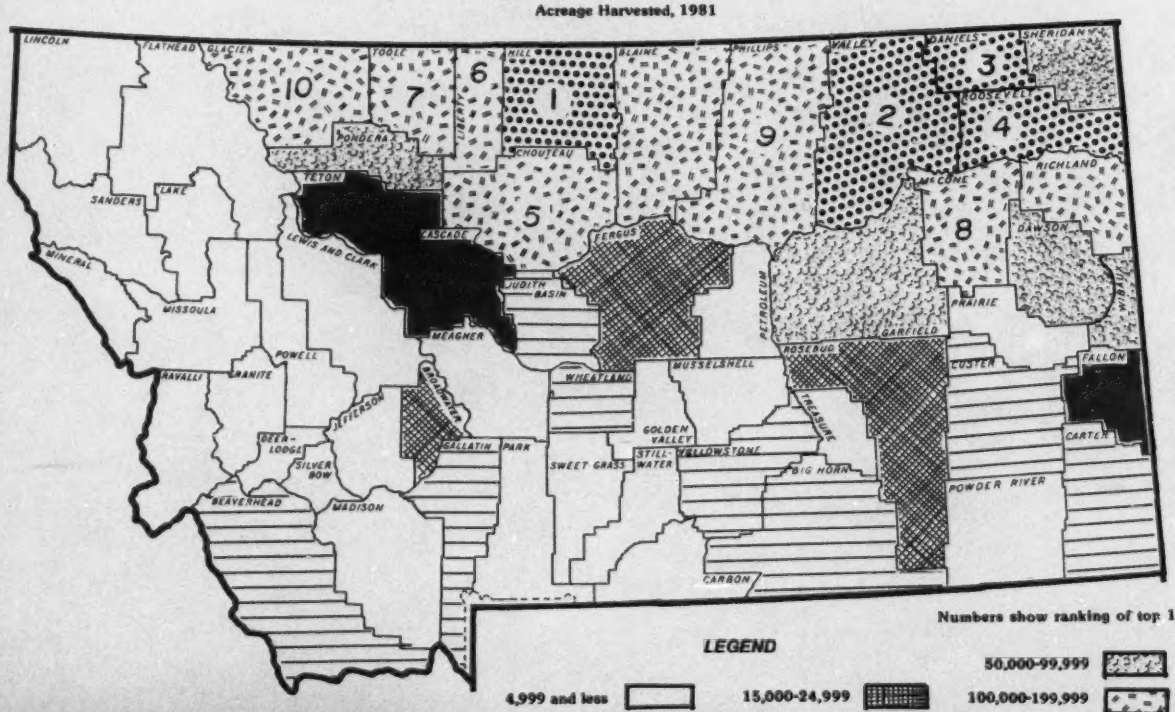
Numbers show ranking of top 10.

LEGEND

4,999 and less	15,000-24,999	50,000-99,999
5,000-14,999	25,000-49,999	100,000-199,999
		200,000 and more

SPRING WHEAT, EXCLUDING DURUM

Acreage Harvested, 1981



Numbers show ranking of top 10.

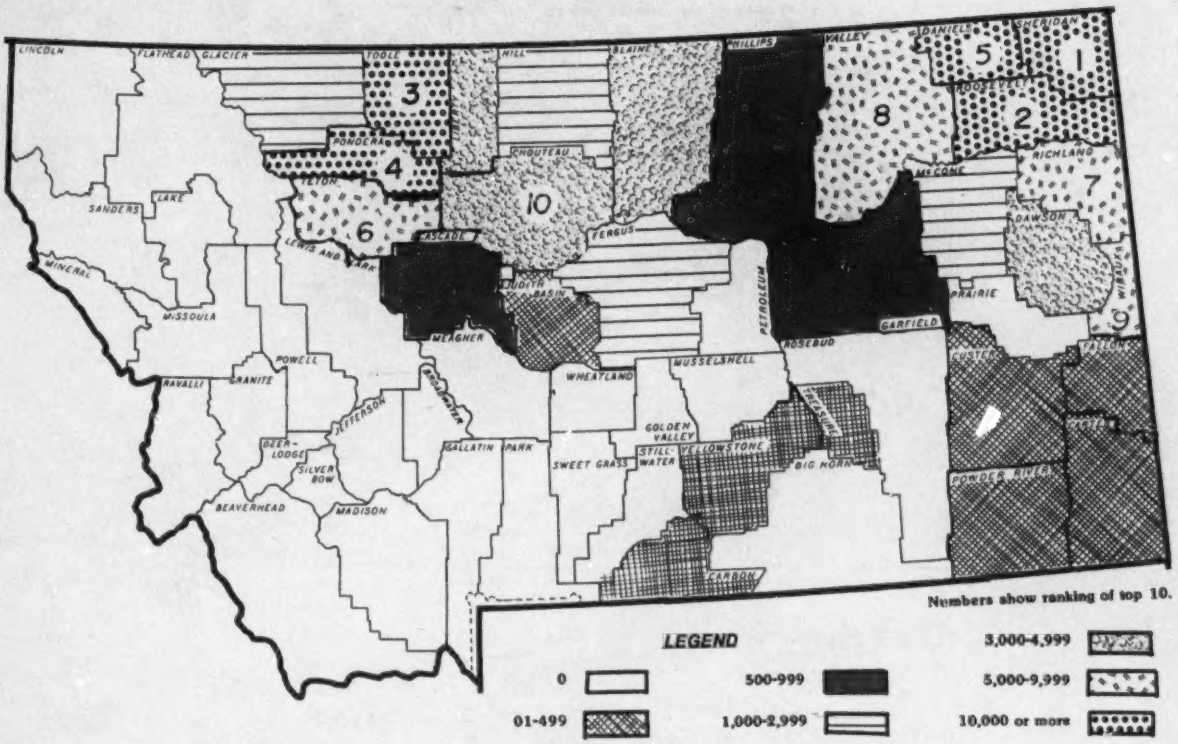
LEGEND

4,999 and less	15,000-24,999	50,000-99,999
5,000-14,999	25,000-49,999	100,000-199,999
		200,000 and more

BEST AVAILABLE COPY

DURUM WHEAT

Acreage Harvested, 1981



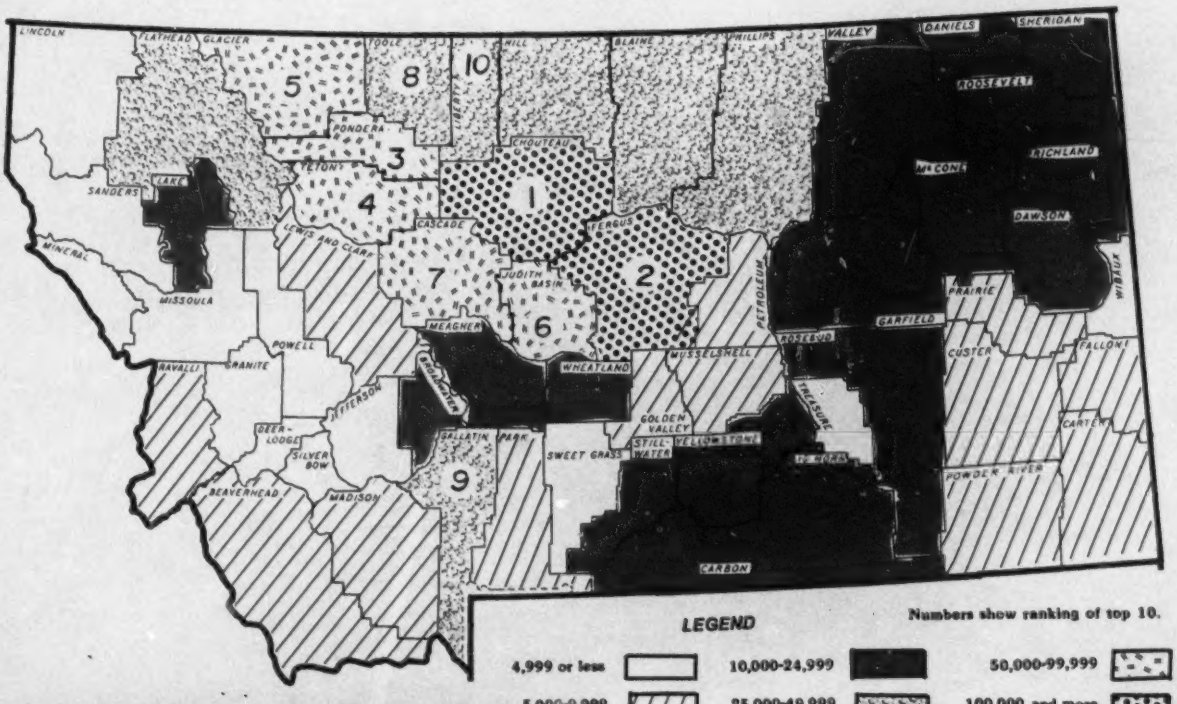
Numbers show ranking of top 10.

LEGEND

0	500-999	3,000-4,999
01-499	1,000-2,999	5,000-9,999
		10,000 or more

BARLEY

Acreage Harvested, 1981



Numbers show ranking of top 10.

LEGEND

4,999 or less	10,000-24,999	50,000-99,999
5,000-9,999	25,000-49,999	100,000 and more

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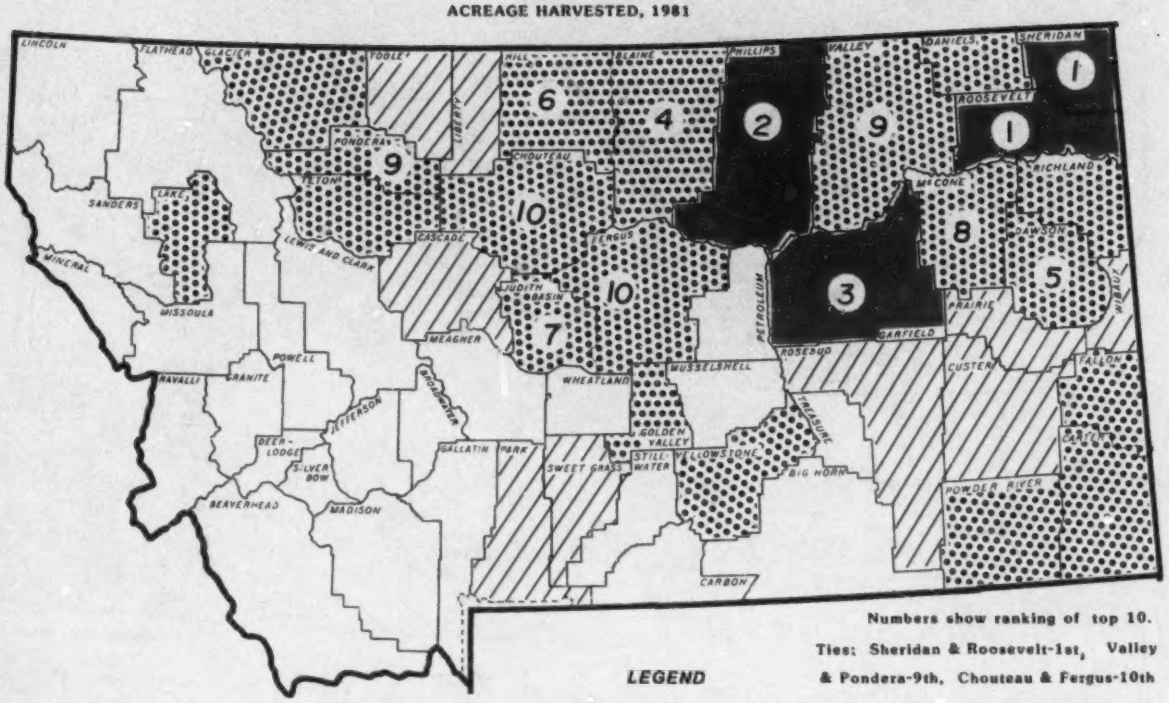
OATS

ACREAGE HARVESTED, 1981



Numbers show ranking of top 10.

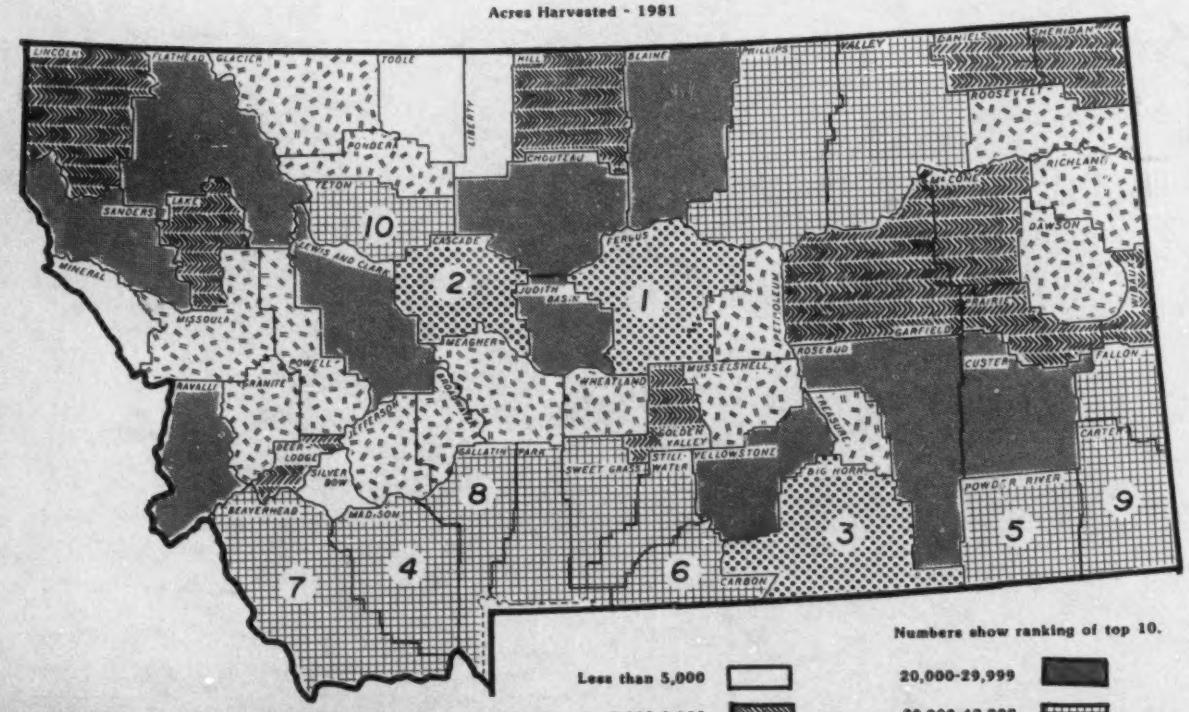
Ties: Sheridan & Roosevelt-1st, Valley & Pondera-9th, Chouteau & Fergus-10th

LEGEND

999 or less | 1,000-1,999 | 2,000-4,999 | 5,000-9,999

ALFALFA HAY

Acres Harvested - 1981



Numbers show ranking of top 10.

Less than 5,000 | 5,000-9,999 | 10,000-19,999 | 20,000-29,999 | 30,000-49,999 | 50,000 or More

BEST AVAILABLE COPY

PRICES RECEIVED BY MONTANA FARMERS

Selected Commodities by Months, 1978 - 1982

Crop And Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Avg.
ALL WHEAT													
1978.....	2.41	.48	2.53	2.68	2.70	2.72	2.72	2.67	2.69	2.81	2.88	2.77	2.67
1979.....	2.76	2.78	2.82	2.82	2.84	3.11	3.32	3.43	3.67	3.80	3.74	3.70	3.23
1980.....	3.63	3.71	3.64	3.66	3.66	3.80	4.11	4.00	4.12	4.24	4.47	4.40	3.96
1981.....	4.31	4.46	4.30	4.41	4.27	4.16	3.72	3.59	3.55	3.65	3.80	3.75	4.00
1982.....	3.81	3.76	3.72	3.80	3.73	3.64							
WINTER WHEAT													
1978.....	2.33	2.39	2.47	2.61	2.67	2.66	2.70	2.66	2.70	2.81	2.86	2.76	2.64
1979.....	2.76	2.73	2.80	2.81	2.81	3.09	3.34	3.41	3.62	3.66	3.73	3.74	3.21
1980.....	3.64	3.72	3.41	3.47	3.54	3.54	3.73	3.62	3.74	3.93	4.14	4.10	3.72
1981.....	4.13	4.22	4.13	4.12	4.08	3.99	3.63	3.52	3.57	3.67	3.85	3.73	3.89
1982.....	3.74	3.63	3.69	3.65	3.65	3.44							
SPRING WHEAT EXCLUDING DURUM													
1978.....	2.57	2.57	2.64	2.80	2.77	2.76	2.75	2.70	2.68	2.79	2.89	2.80	2.73
1979.....	2.74	2.85	2.82	2.79	2.86	3.14	3.27	3.43	3.64	3.74	3.64	3.61	3.21
1980.....	3.58	3.67	3.66	3.72	3.71	3.77	3.99	4.06	4.17	4.31	4.34	4.28	3.94
1981.....	4.28	4.27	4.35	4.51	4.38	4.29	3.81	3.72	3.54	3.63	3.75	3.78	4.03
1982.....	3.88	3.87	3.75	3.90	3.81	3.79							
BARLEY													
1978.....	1.71	1.72	1.87	1.96	1.88	1.85	1.88	1.67	1.65	1.75	1.75	1.70	1.78
1979.....	1.69	1.63	1.68	1.70	1.76	1.76	1.88	1.98	2.17	2.27	2.01	2.32	1.90
1980.....	2.16	2.07	2.03	2.12	2.11	2.14	2.26	2.39	2.42	2.60	2.71	2.83	2.32
1981.....	2.91	*2.91	2.94	2.91	2.96	2.97	2.88	2.19	2.25	2.19	2.21	2.42	2.65
1982.....	2.38	2.25	2.27	2.28	2.38	2.34							
ALL HAY													
1978.....	56.00	58.50	61.00	59.00	54.50	48.00	44.50	42.50	41.50	39.00	39.00	42.50	48.83
1979.....	46.00	47.50	47.50	46.50	45.50	49.50	50.50	55.50	55.50	56.50	56.50	58.50	51.29
1980.....	54.50	53.00	55.00	56.50	55.00	60.00	65.00	66.50	65.00	67.00	67.50	64.50	60.89
1981.....	60.00	60.00	55.00	53.00	50.00	55.00	51.00	52.00	54.00	54.00	48.00	45.00	53.09
1982.....	51.00	50.00	45.00	45.00	45.00	47.00							
BEEF CATTLE													
1978.....	34.60	39.70	43.50	48.00	50.00	47.40	46.80	51.40	57.70	57.30	53.20	54.30	48.67
1979.....	61.20	63.90	71.70	76.00	74.00	62.90	61.40	60.30	74.10	70.10	62.90	60.60	66.59
1980.....	60.30	65.00	63.10	54.50	52.80	54.60	53.90	61.50	63.60	62.00	55.40	50.20	58.08
1981.....	55.20	57.00	55.30	57.70	52.70	51.70	49.00	48.80	54.00	51.40	48.00	43.00	51.99
1982.....	44.10	48.90	52.90	51.60	50.70	46.00							
STEERS & HEIFERS													
1978.....	39.80	43.90	46.50	50.70	53.40	55.50	54.90	55.50	59.80	60.20	60.00	65.30	53.79
1979.....	69.50	69.60	76.30	80.40	79.60	72.80	72.90	64.80	77.00	74.00	72.00	73.00	73.49
1980.....	72.60	76.50	71.20	63.10	61.80	64.10	65.60	68.50	67.90	67.70	69.00	66.40	67.87
1981.....	65.70	67.20	62.00	65.40	60.20	61.40	60.20	61.40	58.80	60.30	58.00	58.80	60.94
1982.....	55.50	57.80	60.60	60.40	60.60	58.60							
COWS													
1978.....	26.30	30.30	33.20	35.90	40.10	39.50	40.00	39.00	39.90	41.00	39.80	42.50	37.29
1979.....	48.20	51.80	56.30	57.60	58.40	53.40	51.70	46.60	50.00	48.00	45.00	47.00	51.17
1980.....	48.00	50.30	51.80	42.90	41.50	44.30	43.90	45.90	46.40	44.90	42.80	42.30	45.42
1981.....	44.70	46.40	43.90	42.80	41.10	43.20	42.40	42.60	40.10	37.30	34.70	34.20	41.12
1982.....	36.70	37.20	41.70	39.30	42.60	40.90							
CALVES													
1978.....	44.40	49.70	54.00	56.50	63.00	63.00	61.00	64.50	70.10	72.00	73.00	79.10	62.53
1979.....	86.70	91.10	94.20	97.80	96.50	90.90	87.90	77.00	92.00	92.00	88.00	87.00	90.09
1980.....	85.00	90.00	82.80	72.60	70.00	73.80	73.90	73.30	77.90	77.70	75.20	71.70	77.00
1981.....	71.70	71.00	68.20	69.60	64.50	63.40	61.50	63.20	62.20	58.40	58.60	56.30	64.05
1982.....	56.50	59.80	61.10	61.70	63.20	62.90							
LAMBS													
1978.....	62.00	64.20	68.50	65.00	65.50	65.00	63.20	63.50	68.70	67.70	69.60	74.00	66.41
1979.....	82.00	82.00	70.00	72.00	71.00	65.00	65.00	65.00	68.00	67.10	64.10	69.50	70.06
1980.....	66.20	61.30	65.80	57.30	55.60	56.80	67.50	64.30	63.70	61.00	58.40	56.60	61.21
1981.....	52.20	56.80	52.20	50.40	53.30	56.80	57.90	50.70	46.20	45.80	44.40	45.90	51.02
1982.....	47.80	50.10	57.20	54.80	56.60	52.80							
HOGS													
1978.....	41.40	44.90	44.30	44.40	46.70	45.20	46.40	46.10	47.20	48.60	46.90	48.80	45.91
1979.....	50.70	50.00	49.10	43.70	42.40	39.00	38.50	35.00	35.60	34.10	31.90	34.40	40.37
1980.....	35.00	35.90	34.00	27.30	26.60	31.90	39.90	45.70	44.60	45.90	43.20	41.10	37.61
1981.....	38.90	42.40	39.50	38.20	39.30	43.70	43.40	46.30	44.10	43.00	37.90	37.20	41.16
1982.....	41.40	48.50	46.20	48.90	55.60	56.20							

ALL WHEAT - 1980

Acreage, Yield and Production by Counties

COUNTY & DISTRICT	ACRES				YIELD PER ACRE	PRO-DUCTION
	Gross Seeded	Re-Seeded [1/]	Net Seeded	Harvested for Grain		
Deer Lodge.....	300	--	300	300	52.0	15,600
Flathead.....	12,600	200	12,400	12,100	55.6	672,500
Granite.....	200	--	200	200	42.0	8,400
Lake.....	19,500	300	19,200	15,900	53.7	853,400
Lincoln.....	--	--	--	--	--	--
Mineral.....	100	--	100	100	54.0	5,400
Missoula.....	2,000	--	2,000	1,800	49.6	89,200
Powell.....	1,400	--	1,400	1,400	55.5	77,700
Ravalli.....	3,900	--	3,900	3,900	54.8	213,900
Sanders.....	2,700	100	2,600	2,500	47.9	119,800
N. WEST	42,700	600	42,100	38,200	53.8	2,055,900
Blaine.....	183,100	4,500	178,600	177,300	24.9	4,411,300
Choteau.....	488,700	24,800	463,900	445,300	27.4	12,204,900
Glacier.....	132,800	1,900	130,900	129,400	33.4	4,322,900
Hill.....	537,100	7,600	529,500	525,500	25.7	13,496,900
Liberty.....	249,800	4,500	245,300	239,800	27.6	6,625,400
Phillips.....	143,300	700	142,600	136,400	21.8	2,970,300
Pondera.....	193,800	9,800	184,000	175,200	37.8	6,616,200
Teton.....	154,800	5,400	149,400	143,700	35.9	5,161,600
Toole.....	283,700	12,400	271,300	252,100	25.4	6,405,600
N. CENTRAL	2,367,100	71,600	2,295,500	2,224,700	28.0	62,215,100
Daniels.....	247,500	--	247,500	226,600	14.5	3,277,200
Dawson.....	220,400	3,400	217,000	150,700	13.8	2,085,900
Garfield.....	121,700	5,100	116,600	69,000	13.5	931,800
McCone.....	252,000	13,300	238,700	171,600	13.3	2,279,000
Richland.....	182,500	8,200	174,300	131,200	15.4	2,023,200
Roosevelt.....	422,700	2,800	419,900	320,100	13.1	4,192,300
Sheridan.....	360,300	100	360,200	303,100	16.5	4,989,100
Valley.....	333,800	3,600	330,200	295,200	15.4	4,558,400
N. EAST	2,140,900	36,500	2,104,400	1,667,500	14.6	24,336,900
Broadwater.....	37,600	300	37,300	37,000	42.6	1,575,500
Cascade.....	177,200	19,300	157,900	144,100	36.5	5,260,900
Fergus.....	161,200	13,700	147,500	134,000	28.0	3,746,700
Golden Valley...	46,400	7,400	39,000	35,200	18.9	666,400
Judith Basin....	72,300	3,000	69,300	66,600	31.4	2,090,500
Lewis & Clark...	16,500	400	16,100	15,900	34.0	541,100
Meagher.....	7,200	300	6,900	6,800	27.4	186,400
Musselshell.....	25,900	1,600	24,300	22,600	21.3	481,800
Petroleum.....	5,700	400	5,300	5,000	21.7	108,500
Wheatland.....	26,300	500	25,800	25,600	22.3	570,300
CENTRAL	576,300	46,900	529,400	492,800	30.9	15,228,100
Beaverhead.....	12,500	100	12,400	12,300	45.8	563,100
Gallatin.....	48,800	1,200	47,600	45,800	45.5	2,085,900
Jefferson.....	8,200	200	8,000	7,800	33.8	263,600
Madison.....	8,600	100	8,500	8,500	41.3	351,200
S. WEST	78,100	1,600	76,500	74,400	43.9	3,263,800
Big Horn.....	128,400	2,700	125,700	89,500	25.8	2,313,100
Carbon.....	20,600	200	20,400	18,000	32.7	588,400
Park.....	21,600	200	21,400	13,900	27.6	383,000
Stillwater.....	73,800	800	73,000	60,900	29.4	1,792,700
Sweet Grass....	10,400	100	10,300	9,500	25.9	245,900
Treasure.....	8,000	100	7,900	6,000	24.8	148,500
Yellowstone....	102,000	900	101,100	95,600	27.6	2,641,100
S. CENTRAL	364,800	5,000	359,800	293,400	27.7	8,112,700
Carter.....	56,100	3,400	52,700	42,100	14.7	617,500
Custer.....	49,400	3,000	46,400	36,600	20.0	731,600
Fallon.....	84,300	2,400	81,900	65,600	11.1	727,800
Powder River...	37,300	2,000	35,300	28,700	16.6	477,100
Prairie.....	49,500	3,700	45,800	35,400	14.2	503,500
Rosebud.....	48,600	2,000	46,600	40,000	18.4	734,100
Wibaux.....	74,900	900	74,000	60,600	13.1	795,900
S. EAST	400,100	17,400	382,700	309,000	14.8	4,587,500
STATE	5,970,000	179,600	5,790,400	5,100,000	23.5	119,800,000

1/ Winter Wheat reseeded to spring wheat

ALL WHEAT - 1981

Acreage, Yield and Production by Counties

COUNTY & DISTRICT	ACRES				YIELD PER ACRE	PRODUCTION
	Gross Seeded	Re-Seeded 1/	Net Seeded	Harvested for Grain		
Deer Lodge	500	--	500	500	30.4	15,200
Flathead	11,200	100	11,100	10,300	49.6	511,100
Granite	200	--	200	200	19.0	3,800
Lake	14,000	200	13,800	13,400	47.9	641,900
Lincoln	100	--	100	100	50.0	5,000
Mineral	500	--	500	500	39.2	19,600
Missoula	1,700	--	1,700	1,600	43.1	69,000
Powell	1,400	--	1,400	1,400	38.5	53,900
Ravalli	3,600	--	3,600	3,200	40.8	130,600
Sanders	3,000	--	3,000	2,700	42.7	115,400
N. WEST	36,200	300	35,900	33,900	46.2	1,565,500
Blaine	204,000	400	203,600	200,400	29.4	5,893,800
Choteau	494,600	2,700	491,900	483,700	36.7	17,754,700
Glacier	126,600	--	126,600	122,800	35.5	4,358,500
Hill	578,800	400	578,400	567,500	33.5	19,039,200
Liberty	271,500	1,500	270,000	267,000	33.9	9,041,300
Phillips	157,900	400	157,500	154,300	22.8	3,525,100
Pondera	206,900	900	206,000	199,600	39.1	7,800,800
Teton	146,000	400	145,600	143,500	41.4	5,944,000
Toole	297,000	500	296,500	292,900	34.2	10,015,400
N. CENTRAL	2,483,300	7,200	2,476,100	2,431,700	34.3	83,372,800
Daniels	266,000	--	266,000	264,400	16.9	4,480,600
Dawson	189,900	1,800	188,100	178,100	25.5	4,549,200
Garfield	122,700	900	121,800	112,600	18.2	2,051,300
McCone	264,200	2,000	262,200	238,800	23.8	5,674,300
Richland	195,500	4,000	191,500	180,500	26.5	4,774,500
Roosevelt	373,800	200	373,600	368,800	20.9	7,699,600
Sheridan	326,700	--	326,700	321,900	22.6	7,264,200
Valley	335,800	200	335,600	328,600	18.8	6,166,500
N. EAST	2,074,600	9,100	2,065,500	1,993,700	21.4	42,660,200
Broadwater	52,500	--	52,500	51,800	41.6	2,156,600
Cascade	156,700	2,000	154,700	151,900	38.2	5,808,200
Fergus	154,900	3,500	151,400	136,600	33.0	4,505,200
Golden Valley	35,100	400	34,700	32,100	34.7	1,113,100
Judith Basin	74,300	200	74,100	71,500	32.7	2,341,100
Lewis & Clark	15,400	--	15,400	15,000	35.4	531,400
Meagher	9,100	--	9,100	8,800	36.3	319,400
Musselshell	30,200	200	30,000	28,900	33.3	962,200
Petroleum	9,000	--	9,000	8,600	35.1	302,100
Wheatland	33,100	100	33,000	32,400	31.9	1,033,100
CENTRAL	570,300	6,400	563,900	537,600	35.5	19,072,400
Beaverhead	15,200	--	15,200	15,000	51.4	770,500
Gallatin	51,500	600	50,900	47,900	43.1	2,064,000
Jefferson	8,500	--	8,500	8,300	31.2	258,800
Madison	10,800	--	10,800	10,500	40.6	426,000
S. WEST	86,000	600	85,400	81,700	43.1	3,519,300
Big Horn	119,900	1,000	118,900	116,800	35.2	4,111,500
Carbon	21,300	100	21,200	20,900	40.2	840,700
Park	17,900	400	17,500	15,900	27.4	436,400
Stillwater	65,000	300	64,700	63,500	35.7	2,266,900
Sweet Grass	10,700	--	10,700	10,500	34.6	363,000
Treasure	7,700	--	7,700	7,500	40.5	303,900
Yellowstone	115,100	1,000	114,100	112,000	37.6	4,213,700
S. CENTRAL	357,600	2,800	354,800	347,100	36.1	12,536,100
Carter	55,200	1,500	53,700	44,800	18.1	812,300
Custer	57,200	200	57,000	54,400	27.8	1,511,800
Fallon	84,400	1,200	83,200	73,500	19.8	1,455,700
Powder River	34,800	200	34,600	33,300	28.8	959,500
Prairie	49,400	500	48,900	47,400	29.8	1,414,800
Rosebud	72,600	800	71,800	68,600	32.2	2,208,000
Wibaux	78,400	1,200	77,200	72,300	24.1	1,741,600
S. EAST	432,000	5,600	426,400	394,300	25.6	10,103,700
STATE	6,040,000	32,000	6,008,000	5,820,000	29.7	172,830,000

1/Winter Wheat reseeded to spring wheat

WINTER WHEAT - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	8,400	8,000	54.1	432,700	1,200	67.0	6,800	51.8
Granite	--	--	--	--	--	--	--	--
Lake	13,900	10,400	52.4	545,400	1,000	66.0	9,400	51.0
Lincoln	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--
Missoula	1,200	1,000	50.0	50,000	--	--	1,000	50.0
Powell	500	500	60.0	30,000	500	60.0	--	--
Ravalli	2,400	2,400	52.3	125,400	600	59.0	1,800	50.0
Sanders	2,300	2,100	47.5	99,800	100	58.0	2,000	47.0
N. WEST	28,700	24,400	52.6	1,283,300	3,400	64.0	21,000	50.7
Blaine	101,000	96,000	24.3	2,332,600	1,300	46.0	94,700	24.0
Choteau	298,400	259,600	25.5	6,612,800	400	58.0	259,200	25.4
Glacier	20,800	18,800	30.0	564,000	--	--	18,800	30.0
Hill	305,700	296,500	23.9	7,077,900	--	--	296,500	23.9
Liberty	123,000	115,700	27.0	3,123,900	--	--	115,700	27.0
Phillips	35,300	34,200	21.0	718,200	--	--	34,200	21.0
Pondera	108,400	92,100	36.3	3,342,200	1,900	50.0	90,200	36.0
Teton	89,300	79,500	34.6	2,753,600	2,300	56.0	77,200	34.0
Toole	113,000	83,000	23.0	1,909,000	--	--	83,000	23.0
N. CENTRAL	1,194,900	1,075,400	26.4	28,434,200	5,900	52.0	1,069,500	26.3
Daniels	100	100	12.0	1,200	--	--	100	12.0
Dawson	61,100	43,400	13.4	581,400	--	--	43,400	13.4
Garfield	46,500	27,900	13.5	376,700	--	--	27,900	13.5
McCone	104,400	64,400	12.1	776,200	--	--	64,400	12.1
Richland	45,500	25,000	11.9	296,500	--	--	25,000	11.9
Roosevelt	15,500	7,000	10.4	72,700	--	--	7,000	10.4
Sheridan	2,000	1,000	14.0	1,400	--	--	1,000	14.0
Valley	20,000	9,000	11.8	106,600	100	40.0	8,900	11.5
N. EAST	295,100	177,800	12.5	2,225,300	100	40.0	177,700	12.5
Broadwater	20,100	19,700	36.9	727,800	400	60.0	19,300	36.5
Cascade	107,200	76,800	35.7	2,743,000	1,000	54.0	75,800	35.5
Fergus	136,600	110,000	28.5	3,132,200	--	--	110,000	28.5
Golden Valley	44,800	33,600	18.5	623,200	100	44.0	33,500	18.5
Judith Basin	59,600	54,200	31.5	1,707,200	100	44.0	54,100	31.5
Lewis & Clark	12,500	12,000	29.5	353,900	500	50.0	11,500	28.6
Meagher	6,700	6,300	27.7	174,400	100	44.0	6,200	27.4
Musselshell	22,800	19,600	21.7	424,800	200	43.0	19,400	21.5
Petroleum	5,200	4,500	21.9	98,500	100	43.0	4,400	21.4
Wheatland	22,500	22,000	22.7	498,300	200	43.0	21,800	22.5
CENTRAL	438,000	358,700	29.2	10,483,300	2,700	51.0	356,000	29.1
Beaverhead	5,200	5,000	38.1	190,600	200	65.0	4,800	37.0
Gallatin	39,300	36,500	43.4	1,583,800	4,200	65.0	32,300	40.6
Jefferson	7,400	7,000	34.0	238,000	--	--	7,000	34.0
Madison	6,300	6,200	36.6	227,000	700	65.0	5,500	33.0
S. WEST	58,200	54,700	40.9	2,239,400	5,100	65.0	49,600	38.5
Big Horn	119,000	82,000	25.3	2,073,400	1,300	43.0	80,700	25.0
Carbon	17,200	15,000	30.8	462,500	500	55.0	14,500	30.0
Park	19,200	11,900	26.6	317,000	400	45.0	11,500	26.0
Stillwater	69,900	58,000	29.1	1,688,400	200	61.0	57,800	29.0
Sweet Grass	9,600	8,800	25.0	220,000	--	--	8,800	25.0
Treasure	5,500	4,200	16.7	70,200	200	51.0	4,000	15.0
Yellowstone	95,900	90,100	26.6	2,399,200	1,700	60.0	88,400	26.0
S. CENTRAL	336,300	270,000	26.8	7,230,700	4,300	52.5	265,700	26.4
Carter	44,100	35,000	15.7	550,000	--	--	35,000	15.7
Custer	40,100	29,000	18.8	546,300	900	45.0	28,100	18.0
Fallon	37,900	27,100	12.6	341,300	100	43.0	27,000	12.5
Powder River	33,300	26,000	16.8	436,600	100	45.0	25,900	16.7
Prairie	46,000	32,900	14.1	463,500	100	43.0	32,800	14.0
Rosebud	34,100	29,000	16.6	481,100	300	44.0	28,700	16.3
Wibaux	13,300	10,000	11.0	110,000	--	--	10,000	11.0
S. EAST	248,800	189,000	15.5	2,928,800	1,500	44.5	187,500	15.3
STATE	2,600,000	2,150,000	25.5	54,825,000	23,000	56.1	2,127,000	25.2

WINTER WHEAT - 1981

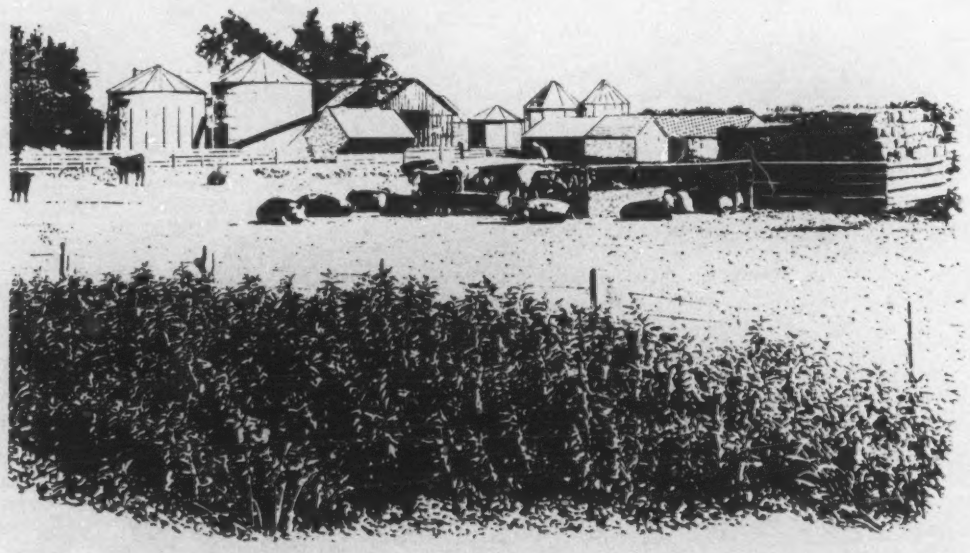
Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	7,200	6,400	53.7	343,700	900	66.0	5,500	51.7
Granite	--	--	--	--	--	--	--	--
Lake	10,000	9,500	51.7	491,200	900	64.0	8,600	50.4
Lincoln	--	--	--	--	--	--	--	--
Mineral	300	300	43.0	12,900	--	--	300	43.0
Missoula	1,000	900	48.0	43,200	--	--	900	48.0
Powell	600	600	41.8	25,100	100	56.0	500	39.0
Ravalli	2,400	2,100	40.9	85,900	200	59.0	1,900	39.0
Sanders	2,500	2,200	45.0	99,100	--	--	2,200	45.0
N. WEST	24,000	22,000	50.1	1,101,100	2,100	64.0	19,900	48.6
Blaine	9,600	9,400	32.9	3,091,300	300	44.0	93,700	32.9
Choteau	300,000	291,000	39.7	11,544,900	100	53.0	290,900	39.7
Glacier	16,000	15,500	37.0	573,500	--	--	15,500	37.0
Hill	263,000	255,000	36.0	9,169,000	--	--	255,000	36.0
Liberty	114,000	111,000	38.0	4,212,500	--	--	111,000	38.0
Phillips	39,000	38,000	25.0	948,200	--	--	38,000	25.0
Pondera	119,000	114,000	42.0	4,785,200	700	54.0	113,300	41.9
Teton	101,000	99,000	43.5	4,307,100	4,200	56.0	94,800	43.0
Toole	119,000	116,500	38.0	4,421,500	--	--	116,500	38.0
N. CENTRAL	1,167,000	1,134,000	38.0	43,053,200	5,300	55.0	1,128,700	37.9
Daniels	400	400	25.0	10,000	--	--	400	25.0
Dawson	102,000	95,000	28.0	2,658,800	--	--	95,000	28.0
Garfield	43,100	36,000	22.0	792,500	100	36.0	35,900	22.0
McCone	131,000	112,000	26.0	2,911,700	--	--	112,000	26.0
Richland	79,500	70,000	26.0	1,819,400	--	--	70,000	26.0
Roosevelt	19,300	18,000	25.9	466,400	--	--	18,000	25.9
Sheridan	3,300	3,200	26.8	85,900	--	--	3,200	26.8
Valley	27,400	26,400	23.9	631,700	100	40.0	26,300	23.9
N. EAST	406,000	361,000	26.0	9,376,400	200	38.0	360,800	26.0
Broadwater	28,300	27,900	38.8	1,083,500	400	56.0	27,500	38.6
Cascade	95,000	91,000	41.2	3,752,000	400	55.0	90,600	41.2
Fergus	131,000	115,000	34.8	3,998,400	--	--	115,000	34.8
Golden Valley	34,000	31,000	35.0	1,084,000	--	--	31,000	35.0
Judith Basin	60,000	58,000	34.9	2,026,000	--	--	58,000	34.9
Lewis & Clark	11,500	11,200	38.1	427,200	100	54.0	11,100	38.0
Meagher	8,600	8,300	37.0	307,100	--	--	8,300	37.0
Musselshell	25,000	24,000	36.0	864,400	200	48.0	23,800	35.9
Petroleum	8,000	7,600	36.9	280,100	--	--	7,600	36.9
Wheatland	27,600	27,000	34.9	941,800	--	--	27,000	34.9
CENTRAL	429,000	401,000	36.8	14,764,500	1,100	54.0	399,900	36.8
Beaverhead	5,400	5,300	33.9	179,800	400	63.0	4,900	31.6
Gallatin	39,600	36,100	37.6	1,358,200	5,000	62.0	31,100	33.7
Jefferson	7,200	7,000	31.0	217,000	--	--	7,000	31.0
Madison	6,800	6,600	31.9	210,400	200	60.0	6,400	31.0
S. WEST	59,000	55,000	35.7	1,965,400	5,600	62.0	49,400	32.8
Big Horn	113,000	110,000	35.0	3,853,300	900	46.0	109,100	34.9
Carbon	17,000	16,700	38.0	634,400	100	48.0	16,600	37.9
Park	16,000	14,000	27.5	385,000	400	46.0	13,600	27.0
Stillwater	63,000	61,600	36.0	2,216,600	100	53.0	61,500	36.0
Sweet Grass	10,000	9,800	35.0	343,400	400	50.0	9,400	34.4
Treasure	6,000	5,900	36.9	217,700	100	51.0	5,800	36.7
Yellowstone	108,000	105,000	37.8	3,966,400	1,000	49.0	104,000	37.7
S. CENTRAL	333,000	323,000	36.0	11,616,800	3,000	48.0	320,000	35.9
Carter	45,000	35,100	19.0	666,900	--	--	35,100	19.0
Custer	45,000	42,800	30.1	1,289,200	500	46.0	42,300	29.9
Fallon	38,000	31,000	24.0	742,800	100	42.0	30,900	23.9
Powder River	32,000	30,700	29.8	914,800	300	44.0	30,400	29.7
Prairie	47,000	45,100	30.1	1,357,800	500	48.0	44,600	29.9
Rosebud	57,000	53,600	36.1	1,932,400	200	50.0	53,400	36.0
Wibaux	18,000	15,700	29.9	468,700	100	55.0	15,600	29.7
S. EAST	282,000	254,000	29.0	7,372,600	1,700	47.0	252,300	28.9
STATE	2,700,000	2,550,000	35.0	89,250,000	19,000	56.0	2,531,000	34.8

DURUM WHEAT - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

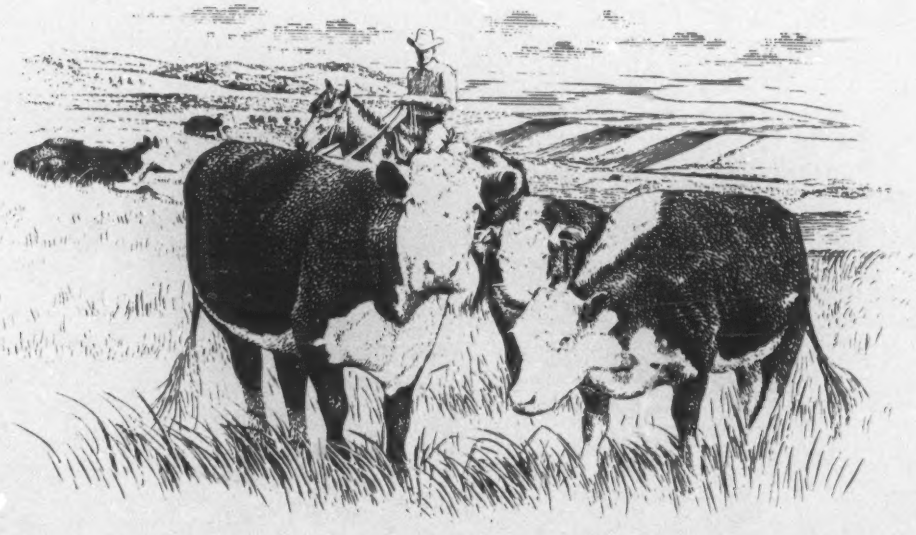
COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
				Bushels		Bu.		Bu.
Blaine	2,100	2,100	28.1	59,100	300	47.0	1,800	25.0
Chouteau	2,300	2,300	36.1	83,100	200	48.0	2,100	35.0
Glacier	1,000	1,000	32.5	32,500	100	46.0	900	31.0
Hill	1,400	1,400	25.0	35,000	--	--	1,400	25.0
Liberty	2,300	2,300	37.9	87,100	1,200	46.0	1,100	29.0
Pondera	27,400	27,100	38.2	1,034,000	2,600	49.0	24,500	37.0
Teton	4,300	4,200	37.6	158,000	200	50.0	4,000	37.0
Toole	18,700	18,500	31.0	573,500	--	--	18,500	31.0
N. CENTRAL	59,500	58,900	35.0	2,062,300	4,600	48.0	54,300	33.9
Daniels	7,400	6,000	12.0	72,000	--	--	6,000	12.0
Dawson	4,300	3,500	14.7	51,500	200	43.0	3,300	13.0
Garfield	200	100	16.0	1,600	--	--	100	16.0
McCone	2,600	2,000	15.0	30,000	--	--	2,000	15.0
Richland	4,000	3,300	24.3	80,300	1,100	47.0	2,200	13.0
Roosevelt	107,200	89,000	14.0	1,246,000	--	--	89,000	14.0
Sheridan	269,400	225,100	17.0	3,817,000	100	45.0	225,000	16.9
Valley	3,800	3,000	20.6	61,800	900	43.0	2,100	11.0
N. EAST	398,900	332,000	16.1	5,360,200	2,300	45.0	329,700	15.9
Cascade	500	500	29.0	14,500	--	--	500	29.0
Fergus	1,100	1,000	28.0	28,000	--	--	1,000	28.0
Judith Basin	200	200	25.5	5,100	--	--	200	25.5
CENTRAL	1,800	1,700	28.0	47,600	--	--	1,700	28.0
Stillwater	200	200	22.0	4,400	--	--	200	22.0
Treasure	200	100	18.0	1,800	--	--	100	18.0
Yellowstone	100	100	18.0	1,800	--	--	100	18.0
S. CENTRAL	500	400	20.0	8,000	--	--	400	20.0
Custer	300	200	20.0	4,000	--	--	200	20.0
Fallon	400	300	15.0	4,500	--	--	300	15.0
Wibaux	8,600	6,500	17.4	113,400	100	46.0	6,400	17.0
S. EAST	9,300	7,000	17.4	121,900	100	46.0	6,900	17.0
STATE	470,000	400,000	19.0	7,600,000	7,000	47.0	393,000	18.5



DURUM WHEAT - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
N. WEST	200	200	25.0	5,000	--	--	100	26.0
Blaine	4,000	3,500	28.7	100,600	100	54.0	3,400	28.0
Chouteau	4,800	4,800	32.0	153,600	--	--	4,800	32.0
Glacier	2,200	2,200	30.2	66,400	--	--	2,200	30.2
Hill	2,300	2,100	29.0	60,900	--	--	2,100	29.0
Liberty	3,900	3,900	30.6	119,400	400	49.0	3,500	28.5
Phillips	700	500	20.0	10,000	--	--	500	20.0
Pondera	34,200	32,500	34.2	1,112,600	500	52.0	32,000	34.0
Teton	8,400	8,300	30.0	249,300	--	--	8,300	30.0
Toole	42,300	42,100	28.0	1,178,800	--	--	42,100	28.0
N. CENTRAL	102,800	99,900	30.6	3,051,600	1,000	51.0	98,900	30.3
Daniels	11,100	11,000	14.0	154,000	--	--	11,000	14.0
Dawson	4,700	4,600	19.2	88,500	--	--	4,600	19.2
Garfield	600	600	16.0	9,600	--	--	600	16.0
McCone	2,600	2,400	21.0	50,400	--	--	2,400	21.0
Richland	7,400	7,300	22.4	163,300	400	47.0	6,900	20.9
Roosevelt	106,700	105,300	20.0	2,102,000	--	--	105,300	20.0
Sheridan	238,100	234,700	21.8	5,126,100	1,900	44.0	232,800	21.7
Valley	5,600	5,500	18.8	103,600	600	42.0	4,900	16.0
N. EAST	376,800	371,400	21.0	7,797,500	2,900	44.0	368,500	20.8
Cascade	500	500	33.0	16,500	--	--	500	33.0
Fergus	1,100	1,000	19.0	19,000	--	--	1,000	19.0
Judith Basin	200	200	18.0	3,600	--	--	200	18.0
CENTRAL	1,800	1,700	23.0	39,100	--	--	1,700	23.0
Carbon	100	100	20.0	2,000	--	--	100	20.0
Treasure	200	200	25.0	5,000	--	--	200	25.0
Yellowstone	100	100	54.0	5,400	100	54.0		
S. CENTRAL	400	400	13.0	12,400	100	54.0	300	23.3
Carter	100	100	14.0	1,400	--	--	100	14.0
Custer	300	300	16.0	4,800	--	--	300	16.0
Fallon	400	400	16.0	6,400	--	--	400	16.0
Powder River	200	200	15.0	3,000	--	--	200	15.0
Wibaux	7,000	5,400	22.0	118,800	--	--	5,400	22.0
S. EAST	8,000	6,400	21.0	134,400	--	--	6,400	21.0
STATE	490,000	480,000	23.0	11,040,000	4,000	46.0	476,000	22.8



SPRING WHEAT EXCLUDING DURUM - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	300	300	52.0	15,600	100	61.0	200	47.5
Flathead	4,200	4,100	58.5	239,800	2,100	68.0	2,000	48.5
Granite	200	200	42.0	8,400	--	--	200	42.0
Lake	5,600	5,500	56.0	308,000	3,300	63.0	2,200	45.5
Lincoln	--	--	--	--	--	--	--	--
Mineral	100	100	54.0	5,400	--	--	100	54.0
Missoula	800	800	49.0	39,200	500	56.0	300	37.3
Powell	900	900	53.0	47,700	400	64.0	500	44.2
Ravalli	1,500	1,500	59.0	88,500	900	64.0	600	51.5
Sanders	400	400	50.0	20,000	200	60.0	200	40.0
N. WEST	14,000	13,800	56.0	772,600	7,500	64.0	6,300	46.4
Blaine	80,000	79,200	25.5	2,019,600	2,000	46.0	77,200	25.0
Choteau	188,000	183,400	30.0	5,509,000	1,100	59.0	182,300	29.9
Glacier	111,000	109,600	34.0	3,726,400	1,000	45.0	108,600	33.9
Hill	230,000	227,600	28.0	6,384,000	400	60.0	227,200	28.0
Liberty	124,500	121,800	28.0	3,414,400	2,100	53.0	119,700	27.6
Phillips	108,000	102,200	22.0	2,252,100	1,200	48.0	101,000	21.7
Pondera	58,000	56,000	40.0	2,240,000	5,800	51.0	50,200	38.7
Teton	61,200	60,000	37.5	2,250,000	7,000	57.0	53,000	34.9
Toole	152,000	150,600	26.0	3,923,100	100	62.0	150,500	26.0
N. CENTRAL	1,112,700	1,090,400	29.0	31,718,600	20,700	53.0	1,069,700	28.6
Daniels	240,000	220,500	14.5	3,204,000	300	37.0	220,200	14.5
Dawson	155,000	103,800	14.0	1,453,000	500	44.0	103,300	13.9
Garfield	75,000	41,000	13.5	553,500	--	--	41,000	13.5
McCone	145,000	105,200	14.0	1,472,800	500	44.0	104,700	13.9
Richland	133,000	102,900	16.0	1,646,400	5,500	49.0	97,400	14.1
Roosevelt	300,000	224,100	12.8	2,873,600	400	44.0	223,700	12.8
Sheridan	88,900	77,000	15.0	1,158,100	100	46.0	76,900	15.0
Valley	310,000	283,200	15.5	4,390,000	5,500	44.0	277,700	14.9
N. EAST	1,446,900	1,157,700	14.5	16,751,400	12,800	46.0	1,144,900	14.1
Broadwater	17,500	17,300	49.0	847,700	10,100	60.0	7,200	33.6
Cascade	69,500	66,800	37.5	2,503,400	1,800	59.0	65,000	36.9
Fergus	23,500	23,000	25.5	586,500	800	50.0	22,200	24.6
Golden Valley	1,600	1,600	27.0	43,200	600	45.0	1,000	16.2
Judith Basin	12,500	12,200	31.0	378,200	100	45.0	12,100	30.9
Lewis & Clark	4,000	3,900	48.0	187,200	3,400	50.0	500	34.4
Meagher	500	500	24.0	12,000	--	--	500	24.0
Musselshell	3,100	3,000	19.0	57,000	--	--	3,000	19.0
Petroleum	500	500	20.0	10,000	--	--	500	20.0
Wheatland	3,800	3,600	20.0	72,000	--	--	3,600	20.0
CENTRAL	136,500	132,400	35.5	4,697,200	16,800	56.8	115,600	32.4
Beaverhead	7,300	7,300	51.0	372,500	2,400	68.0	4,900	42.7
Gallatin	9,500	9,300	54.0	502,100	4,400	64.0	4,900	45.0
Jefferson	800	800	32.0	25,600	--	--	800	32.0
Madison	2,300	2,300	54.0	124,200	1,200	66.0	1,100	40.9
S. WEST	19,900	19,700	52.0	1,024,400	8,000	65.5	11,700	42.8
Big Horn	9,400	7,500	32.0	239,700	1,800	46.0	5,700	27.5
Carbon	3,400	3,000	42.0	125,900	1,100	57.0	1,900	33.3
Park	2,400	2,000	33.0	66,000	600	45.0	1,400	27.9
Stillwater	3,700	2,700	37.0	99,900	200	65.0	2,500	34.8
Sweet Grass	800	700	37.0	25,900	100	58.0	600	33.5
Treasure	2,300	1,700	45.0	76,500	1,300	53.0	400	19.0
Yellowstone	6,000	5,400	44.5	240,100	2,400	62.0	3,000	30.5
S. CENTRAL	28,000	23,000	38.0	874,000	7,500	54.5	15,500	30.0
Carter	12,000	7,100	9.5	67,500	100	50.0	7,000	8.9
Custer	9,000	7,400	24.5	181,300	2,000	51.0	5,400	14.7
Fallon	46,000	38,200	10.0	382,000	--	--	38,200	10.0
Powder River	4,000	2,700	15.0	40,500	200	50.0	2,500	12.2
Prairie	3,500	2,500	16.0	40,000	300	50.0	2,200	11.4
Rosebud	14,500	11,000	23.0	253,000	2,300	47.0	8,700	16.7
Wibaux	53,000	44,100	13.0	572,500	--	--	44,100	13.0
S. EAST	142,000	113,000	13.6	1,536,800	4,900	49.0	108,100	12.0
STATE	2,900,000	2,550,000	22.5	57,375,000	78,200	54.9	2,471,800	21.5

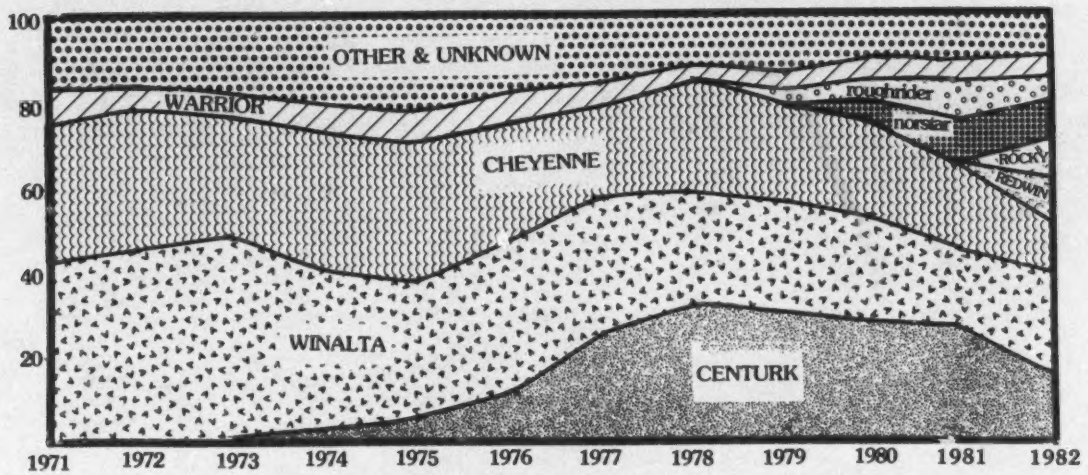
SPRING WHEAT EXCLUDING DURUM - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	500	500	30.4	15,200	100	48.0	400	26.0
Flathead	4,000	3,900	42.9	167,400	2,100	54.0	1,800	30.0
Granite	200	200	19.0	3,800	--	--	200	19.0
Lake	4,000	3,900	38.6	150,700	1,900	49.0	2,000	28.8
Lincoln	100	100	50.0	5,000	100	50.0	--	--
Mineral	100	100	43.0	4,300	100	43.0	--	--
Missoula	700	700	36.9	25,800	400	44.0	300	27.3
Powell	800	800	36.0	28,800	400	46.0	400	26.0
Ravalli	1,200	1,100	40.6	44,700	600	50.0	500	29.4
Sanders	400	400	34.2	13,700	200	42.0	200	26.5
N. WEST	12,000	11,700	39.3	459,400	5,900	50.0	5,800	28.3
Blaine	104,000	102,900	26.3	2,701,900	3,600	64.0	99,300	24.9
Choteau	189,800	187,900	32.2	6,056,200	2,800	62.0	185,100	31.8
Glacier	108,400	105,100	35.4	3,718,600	1,000	55.0	104,100	35.2
Hill	313,500	310,400	31.6	9,809,300	500	57.0	309,900	31.6
Liberty	153,600	152,100	31.0	4,709,400	2,300	50.0	149,800	30.7
Phillips	118,200	115,800	22.2	2,566,900	1,300	48.0	114,500	21.9
Pondera	53,700	53,100	35.8	1,903,000	6,600	48.0	46,500	34.1
Teton	36,600	36,200	38.3	1,387,600	6,500	57.0	29,700	34.2
Toole	135,700	134,300	32.9	4,415,100	100	63.0	134,200	32.9
N. CENTRAL	1,213,500	1,197,800	31.1	37,268,000	24,700	55.0	1,173,100	30.6
Daniels	254,500	253,000	17.1	4,316,600	1,500	37.0	251,500	16.9
Dawson	83,200	78,500	23.0	1,801,900	300	41.0	78,200	22.9
Garfield	79,000	76,000	16.4	1,249,200	1,200	49.0	74,800	15.9
McCone	130,600	124,400	21.8	2,712,200	900	40.0	123,500	21.7
Richland	108,600	103,200	27.1	2,791,800	8,100	53.0	95,100	24.8
Roosevelt	247,800	245,500	20.9	5,131,200	300	47.0	245,200	20.9
Sheridan	85,300	84,000	24.4	2,052,200	100	47.0	83,900	24.4
Valley	302,800	296,700	18.3	5,431,200	9,300	44.0	287,400	17.5
N. EAST	1,291,800	1,261,300	20.2	25,486,300	21,700	47.0	1,239,600	19.7
Broadwater	24,200	23,900	44.9	1,073,100	16,000	54.0	7,900	26.5
Cascade	612,000	604,000	33.8	2,039,700	2,500	42.0	57,900	33.4
Fergus	22,800	20,600	23.7	487,800	600	52.0	20,000	22.8
Golden Valley	1,100	1,100	26.5	29,100	300	52.0	800	16.9
Judith Basin	14,100	13,300	23.4	311,500	100	49.0	13,200	23.2
Lewis & Clark	3,900	3,800	27.4	104,200	1,000	49.0	2,800	19.7
Meagher	500	500	24.6	12,300	100	45.0	400	19.5
Musselshell	5,200	4,900	20.0	97,800	500	46.0	4,400	17.0
Petroleum	10,000	10,000	22.0	22,000	--	--	10,000	22.0
Wheatland	5,500	5,400	16.9	91,300	--	--	5,400	16.9
CENTRAL	139,500	134,900	31.6	4,268,800	21,100	52.0	113,800	27.9
Beaverhead	9,800	9,700	60.9	590,700	8,000	68.0	1,700	27.5
Gallatin	11,900	11,800	59.8	705,800	10,000	65.0	1,800	31.1
Jefferson	1,300	1,300	32.2	41,800	300	56.0	1,000	25.0
Madison	4,000	3,900	55.3	215,600	2,900	65.0	1,000	27.1
S. WEST	27,000	26,700	58.2	1,553,900	21,200	66.0	5,500	28.1
Big Horn	6,900	6,800	38.0	258,200	2,200	63.0	4,600	26.0
Carbon	4,200	4,100	49.8	204,300	2,400	66.0	1,700	27.0
Park	1,900	1,900	27.1	51,400	500	44.0	1,400	21.0
Stillwater	2,000	1,900	26.5	50,300	200	50.0	1,700	23.7
Sweet Grass	700	700	28.0	19,600	100	58.0	600	23.0
Treasure	1,500	1,400	58.0	81,200	1,100	67.0	300	25.0
Yellowstone	7,000	6,900	35.1	241,900	2,400	56.0	4,500	23.9
S. CENTRAL	24,200	23,700	38.3	906,900	8,900	61.0	14,800	24.6
Carter	10,100	9,600	15.0	144,000	--	--	9,600	15.0
Custer	11,900	11,300	19.3	217,800	500	48.0	10,800	17.9
Fallon	46,000	42,100	16.8	706,500	--	--	42,100	16.8
Powder River	2,600	2,400	17.4	41,700	100	49.0	2,300	16.0
Prairie	2,400	2,300	24.8	57,000	300	46.0	2,000	21.6
Rosebud	15,600	15,000	18.4	275,600	1,500	49.0	13,500	15.0
Wibaux	53,400	51,200	22.5	1,154,100	500	46.0	50,700	22.3
S. EAST	142,000	133,900	19.4	2,596,700	2,900	48.0	131,000	18.8
STATE	2,850,000	2,790,000	26.0	72,540,000	106,400	55.0	2,683,600	24.9

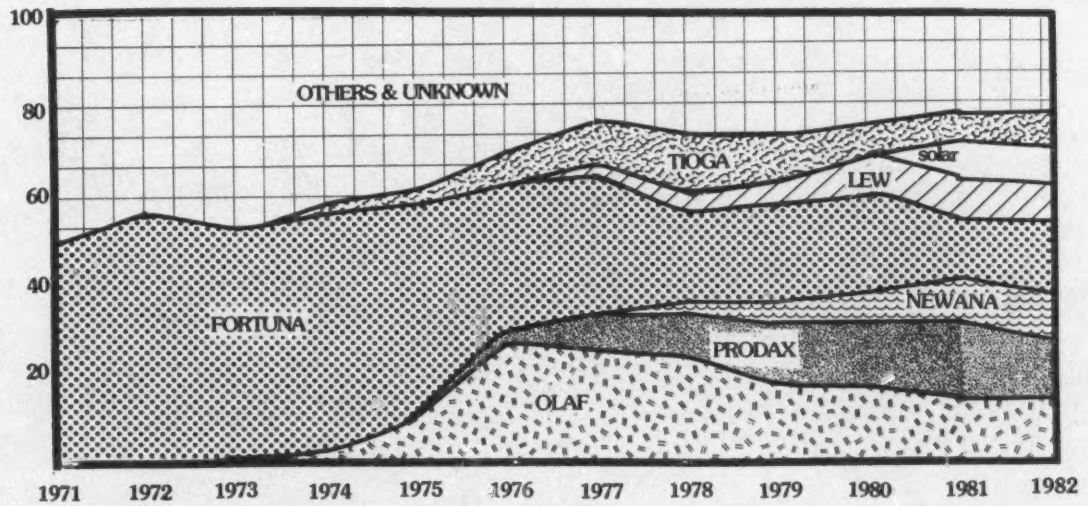
WINTER WHEAT

Major Varieties as Percent of Total Acreage - 1971-1982



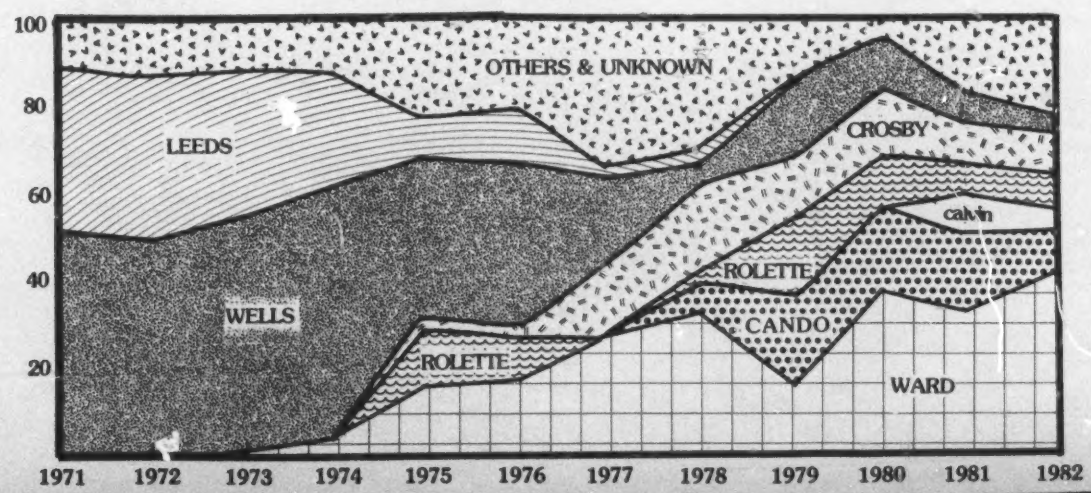
OTHER SPRING WHEAT

Major Varieties as Percent of Total Acreage - 1971-1982



DURUM WHEAT

Major Varieties as Percent of Total Acreage - 1971-1982



MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1978 - 1982

1981 Revised & 1982 Preliminary Seeded Acres

CLASS and VARIETY	Percent of Total Seeded Acreage					Seeded Acres	
	1978	1979	1980	1981	1982	1981 Revised	1982 Preliminary
			Percent				
WINTER WHEAT							
Winalta.....	29.1	27.7	26.3	18.7	22.2	496,500	544,500
Cheyenne.....	26.2	23.5	25.2	16.9	15.6	447,300	381,000
Centurk.....	28.1	27.1	24.7	24.6	15.4	651,000	376,800
Norstar.....	----	----	2.3	15.4	11.8	407,300	289,400
Redwin.....	----	----	----	----	8.3	----	203,600
Rocky.....	----	----	----	1.8	8.0	47,100	195,800
Roughrider.....	----	2.6	4.1	5.5	5.0	146,800	122,700
Warrior.....	3.2	4.6	5.8	3.5	3.6	93,100	88,100
Jeff.....	----	----	----	----	1.2	----	29,900
Scoutland.....	----	----	----	----	.8	----	19,900
Brawny.....	----	----	----	----	.6	----	14,300
Other & Unknown	13.4	14.5	11.6	13.6	7.5	360,900	184,000
TOTAL.....	100.0	100.0	100.0	100.0	100.0	2,650,000	2,450,000
SPRING WHEAT							
Olaf.....	22.8	17.1	17.1	15.2	17.8	434,600	524,100
Newana.....	1.0	5.8	7.6	12.7	12.7	362,100	373,300
Fortuna.....	21.6	23.4	22.6	12.0	11.9	342,900	350,500
Lew.....	3.8	5.2	10.1	11.1	11.5	317,200	340,300
Solar.....	----	----	----	6.8	7.7	193,500	228,000
Prodax.....	9.0	9.9	10.7	12.7	7.6	362,800	225,500
Tioga.....	8.9	8.5	6.2	5.6	5.6	158,600	165,100
Butte.....	----	4.5	3.4	4.2	5.1	119,300	149,800
Len.....	----	----	----	----	4.0	----	119,400
711.....	----	----	----	----	2.7	----	79,300
Wampum.....	----	----	----	1.4	2.5	40,500	72,900
Coteau.....	----	----	----	----	1.8	----	52,200
Norana.....	3.4	3.2	2.6	3.9	1.7	110,700	51,400
Other & Unknown	29.5	22.4	19.7	14.4	7.4	407,800	218,200
TOTAL.....	100.0	100.0	100.0	100.0	100.0	2,850,000	2,950,000
DURUM							
Ward.....	30.8	18.4	36.5	28.9	40.9	141,600	143,100
Rolette.....	3.4	18.5	14.2	8.3	9.7	40,700	33,900
Crosby.....	19.2	12.2	13.5	8.1	9.3	39,600	32,600
Cando.....	7.2	17.7	17.5	18.8	9.2	92,300	32,200
Vic.....	----	----	----	1.3	7.8	6,500	27,300
Calvin.....	----	----	----	9.1	3.5	44,700	12,200
Wells.....	5.7	18.3	12.2	5.9	3.5	28,700	12,200
Wakoma.....	----	----	----	----	2.3	----	7,900
Wascana.....	1.7	----	1.3	3.4	1.0	16,800	3,600
Other & Unknown	32.0	14.9	4.8	16.2	12.8	79,100	45,000
TOTAL.....	100.0	100.0	100.0	100.0	100.0	490,000	350,000

DURUM WHEAT

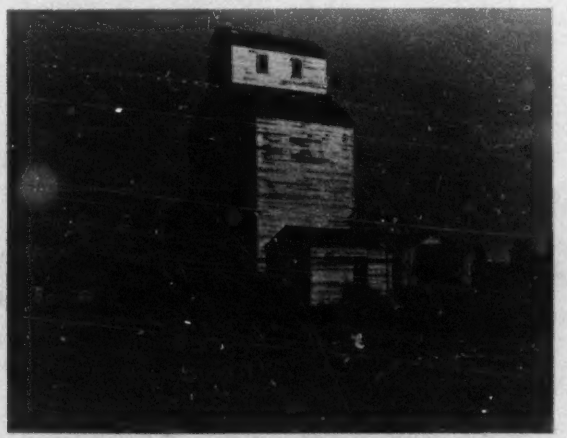
Seeded Acreage by Varieties, Districts and Selected Counties - 1982

DISTRICT & COUNTY	Ward	Rolette	Crosby	Cando	Vic	Calvin	Wells	Wakoma	Wascana	Langdon	Leeds	Colter	Other & Unknown	TOTAL
N. CENTRAL	38.9	16.8	---	---	---	---	---	---	3.6	---	2.8	1.5	10.0	73.5
Sheridan..	57.1	17.1	32.6	32.2	25.2	---	---	---	---	---	---	---	5.8	169.9
Other.....	44.4	---	---	---	---	12.2	12.2	7.9	---	3.2	---	---	19.3	99.2
N. EAST	101.4	17.1	32.6	32.2	25.2	12.2	12.2	7.9	---	3.2	---	---	25.0	269.0
All Other Counties..	2.9	---	---	---	2.1	---	---	---	---	---	---	.2	2.3	7.5
STATE	143.1	33.9	32.6	32.2	27.3	12.2	12.2	7.9	3.6	3.2	2.8	1.7	37.3	350.0

WINTER WHEAT

Seeded Acreage by Varieties, Districts & Selected Counties - Montana 1982

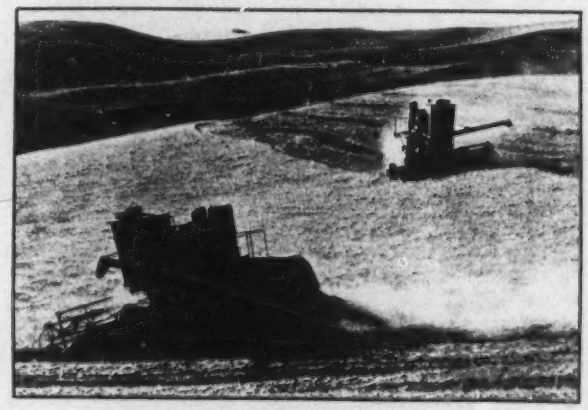
DISTRICT & COUNTY	Win-alta	Chey-enne	Cen-turk	Nor-star	Red-win	Rocky	Rough Rider	War-rior	Jeff	Scout-land	Brawny	Other & Unknown	TOTAL
N. WEST	3.3	--	--	--	--	1.1	--	--	--	--	--	17.6	22.0
Blaine.....	--	24.3	--	40.3	--	25.4	--	--	--	--	--	--	90.0
Chouteau.....	35.2	36.8	103.3	14.6	14.7	31.6	--	39.7	--	--	1.1	5.1	282.0
Glacier.....	11.4	--	--	--	--	--	--	1.9	--	--	--	1.7	15.0
Hill.....	61.8	45.9	4.8	65.4	33.3	11.7	--	24.1	--	--	--	--	247.0
Liberty.....	27.6	5.3	12.2	34.5	27.5	--	--	--	--	--	--	--	107.0
Phillips.....	--	--	--	--	--	--	--	--	--	--	--	37.0	37.0
Pondera.....	16.4	--	53.1	19.7	--	23.8	--	--	--	--	--	--	113.0
Teton.....	--	29.4	23.5	11.4	4.2	22.5	--	--	--	--	--	4.1	95.0
Toole.....	--	--	73.5	25.8	14.7	--	--	--	--	--	--	--	114.0
N. CENTRAL	152.3	141.6	270.3	211.6	94.4	115.0		65.7			1.1	47.9	1,100.0
Dawson.....	52.7	1.6	--	--	.8	--	36.7	--	--	--	--	--	91.8
Garfield.....	7.9	15.0	--	--	8.0	8.0	--	--	--	--	--	--	38.8
McCone.....	48.2	--	--	29.1	--	--	40.7	--	--	--	--	--	117.9
Richland.....	7.1	--	--	20.6	--	--	30.7	--	--	--	13.1	--	71.5
Roosevelt....	--	--	--	2.7	--	--	14.7	--	--	--	--	--	17.4
Valley.....	24.2	--	--	--	--	--	--	--	--	--	--	--	24.2
Other.....	--	--	--	--	--	--	--	--	--	--	--	3.4	3.4
N. EAST	140.0	16.6		52.3	8.8	8.0	122.7				13.1	3.4	365.0
Cascade.....	--	16.3	10.0	1.6	12.4	42.0	--	--	--	--	--	3.8	86.0
Fergus.....	2.2	55.8	22.6	8.0	22.9	7.5	--	--	--	--	--	--	119.0
Golden Valley	4.1	5.7	--	9.3	2.1	--	--	--	--	--	--	9.7	31.0
Judith Basin	8.5	1.0	20.3	4.4	16.4	--	--	--	--	--	--	4.4	55.0
Other.....	33.3	11.6	14.6	.2	7.3	--	--	--	--	--	--	32.0	99.0
CENTRAL	48.2	90.3	67.5	23.5	61.1	49.5						49.9	390.0
Gallatin.....	14.5	--	2.8	.6	1.4	2.8	--	--	--	--	--	17.0	39.0
Other.....	.1	--	2.8	1.4	8.4	.8	--	--	1.3	--	--	4.2	19.0
S. WEST	14.6		5.6	2.0	9.8	3.6			1.3			21.2	58.0
Big Horn.....	--	56.8	--	--	--	17.9	--	--	21.3	--	--	6.0	102.0
Carbon.....	--	7.5	--	--	3.4	--	--	--	--	--	--	4.1	15.0
Park.....	12.0	1.3	--	--	--	.7	--	--	--	--	--	--	14.0
Stillwater...	16.8	19.8	11.0	--	9.4	--	--	--	--	--	--	--	57.0
Yellowstone..	21.3	34.7	16.4	--	14.9	--	--	1.2	7.3	--	--	--	95.8
Other.....	--	--	--	--	--	--	--	--	--	--	--	16.3	16.3
S. CENTRAL	50.0	120.0	27.4		27.8	18.7		1.2	28.6			26.4	300.0
Carter.....	34.0	--	--	--	--	--	--	--	--	--	--	--	34.0
Custer.....	13.7	.9	6.0	--	--	--	--	--	--	11.4	--	2.1	34.0
Fallon.....	29.0	--	--	--	--	--	--	--	--	--	--	--	29.0
Powder River.	4.3	9.5	--	--	1.7	--	--	--	--	8.5	--	--	24.0
Prairie.....	13.2	2.2	--	--	--	--	--	20.7	--	--	--	--	36.0
Rosebud.....	41.9	--	--	--	--	--	--	.5	--	--	--	.5	43.0
Wibaux.....	--	--	--	--	--	--	--	--	--	--	--	15.0	15.0
S. EAST	136.0	12.5	6.0		1.7			21.2		19.9		17.6	215.0
STATE	544.5	381.0	376.8	289.4	203.6	195.8	122.7	88.1	29.9	19.9	14.3	184.0	2,450.0



SPRING WHEAT (EXCLUDING DURUM)

Seeded Acreage by Varieties, Districts & Selected Counties - Montana 1982

DISTRICT & COUNTY	Olaf	Newana	Fortuna	Lew	Solar	Prodax	Tioga	Butte	Len	711	Wampum	Coteau	Norana	Other & Unknown	TOTAL
N. WEST		7.0											.5	4.5	12.0
Blaine.....	--	47.9	9.5	5.8	4.0	--	--	--	--	35.8	--	--	--	--	103.0
Chouteau.....	.5	46.9	33.4	18.1	17.9	.8	--	--	--	--	65.8	--	4.2	.4	188.0
Glacier.....	--	--	31.6	48.2	--	23.6	--	--	--	--	1.3	--	--	2.4	107.1
Hill.....	19.6	47.0	47.5	80.3	73.0	12.0	--	--	--	--	--	--	30.6	--	310.0
Liberty.....	--	19.4	47.7	21.6	8.7	13.5	--	--	11.1	--	--	--	--	30.0	152.0
Phillips.....	11.2	7.1	1.8	--	19.2	48.0	25.4	--	--	4.3	--	--	--	--	117.0
Pondera.....	--	.5	45.4	2.8	--	2.6	--	--	--	--	1.6	--	--	.2	53.1
Teton.....	--	2.9	9.8	16.1	1.8	--	--	--	--	--	2.9	--	--	2.3	35.8
Toole.....	4.2	3.1	31.4	36.4	--	45.7	--	--	--	--	--	--	--	13.3	134.1
N. CENTRAL	35.5	174.8	258.1	229.3	124.6	146.2	25.4		11.1	40.1	71.6		34.8	48.6	1,200.1
Daniels.....	96.4	9.0	9.6	66.3	--	7.1	35.2	7.2	14.4	--	--	10.8	--	9.0	265.0
Dawson.....	35.8	12.1	--	--	15.4	--	--	16.4	3.7	--	--	--	--	3.7	87.1
Garfield.....	38.6	--	--	--	--	--	--	34.5	--	--	--	--	8.9	--	82.0
McCone.....	53.9	34.4	--	--	--	9.7	--	8.4	16.0	--	--	--	--	12.6	135.0
Richland.....	44.7	5.3	--	--	6.5	--	--	--	39.6	4.9	--	--	--	10.9	111.9
Roosevelt....	80.7	7.8	30.1	22.3	30.6	10.9	3.8	19.1	32.4	--	--	--	--	19.3	257.0
Sheridan.....	12.9	--	--	1.5	14.4	23.8	10.7	8.7	--	11.0	--	2.1	--	2.9	88.0
Valley.....	45.2	40.3	24.0	2.7	--	17.5	90.0	44.8	--	--	--	11.4	--	38.0	313.9
N. EAST	408.2	108.9	63.7	92.8	66.9	69.0	139.7	139.1	106.1	15.9		24.3	8.9	96.4	1,339.9
Cascade.....	--	33.9	.4	12.6	--	--	--	--	--	6.9	--	--	.6	6.7	61.1
Fergus.....	--	14.0	5.4	--	--	1.1	--	--	--	--	--	--	1.6	.8	22.9
Judith Basin.	--	9.2	--	--	.3	--	--	--	--	--	--	--	.7	3.7	13.9
Other.....	--	15.4	10.2	--	5.7	2.1	--	--	--	--	--	--	--	8.7	42.1
CENTRAL		72.5	16.0	12.6	6.0	3.2				6.9			2.9	19.9	140.0
S. WEST		3.4	.1					4.8		.2	.7			15.8	25.0
S. CENTRAL		6.1	5.8	5.6		7.1					.3			5.0	29.9
Fallon.....	54.9	--	3.9	--	--	--	--	5.9	--	--	--	--	--	.6	66.0
Wibaux.....	--	--	--	--	30.5	--	--	--	1.5	--	--	27.9	4.4	12.8	77.1
Other.....	25.5	.6	2.9	--	--	--	--	--	--	16.2	.3	--	--	14.5	60.0
S. EAST	80.4	.6	6.8		30.5			5.9	2.2	16.2	.3	27.9	4.4	27.9	203.1
STATE	524.1	373.3	350.5	340.3	228.0	225.5	165.1	149.8	119.4	79.3	72.9	52.2	51.5	218.1	2,950.0



WHEAT SHIPPED OUT OF STATE - 1972 - 1981

By Class and Destination

CROP YEAR [1]	ALL WHEAT				WINTER WHEAT				SPRING WHEAT [2]			
	East	West	Other [3]	Total	East	West	Other [3]	Total	East	West	Other [3]	Total
	Thousand Bushels				Thousand Bushels				Thousand Bushels			
1972....	7,685	98,149	563	106,397	4,567	52,100	67	56,374	3,118	46,049	496	49,663
1973....	2,549	84,430	184	87,163	499	50,025	97	50,621	2,050	34,405	87	36,542
1974....	6,426	73,374	1,158	80,958	4,797	43,662	1,000	49,459	1,629	29,712	158	31,499
1975....	13,440	90,196	2,041	105,677	10,637	61,863	1,260	73,760	2,803	28,333	781	31,917
1976....	12,490	74,510	1,808	88,808	9,151	48,153	495	57,799	3,339	26,357	1,313	31,009
1977....	6,333	74,428	1,612	82,373	5,040	51,607	661	57,308	1,293	22,821	951	25,065
1978....	4,658	94,726	1,228	100,612	3,190	63,241	566	66,997	1,468	31,485	662	33,615
1979....	4,941	91,703	1,524	98,168	2,408	51,177	826	54,411	2,533	40,526	698	43,757
1980....	5,179	72,908	1,185	79,272	2,384	36,755	484	39,623	2,795	36,153	701	39,649
1981....	3,949	94,646	724	99,319	1,783	46,239	331	48,353	2,166	48,407	393	50,966

[1] Crop year July through June the following year until 1976 when the crop year changed to June through May the following year.
[2] Includes durum wheat.
[3] Other and unknown.

WHEAT SHIPPED OUT OF STATE 1980 & 1981 CROP YEARS

By Class, District, Mode and Destination [1]

DISTRICT OR ORIGIN, MODE and DESTINATION	June 1980 - May 1981			June 1981 - May 1982		
	Winter wheat	Spring wheat [2]	All wheat	Winter wheat	Spring wheat [2]	All wheat
	Thousand Bushels			Thousand Bushels		
N. WEST	568	508	1,076	185	730	915
N. CENTRAL	20,561	18,432	38,993	21,916	27,524	49,440
N. EAST	1,669	12,034	13,703	3,537	14,895	18,432
CENTRAL	8,574	5,419	13,993	13,009	4,746	17,755
S. WEST	1,449	1,641	3,090	1,449	1,367	2,816
S. CENTRAL	5,568	1,046	6,614	6,425	1,161	7,586
S. EAST	1,234	569	1,803	1,832	543	2,375
STATE						
Truck East	1,927	880	2,807	1,253	926	2,179
Truck West	12,690	14,754	27,444	11,347	11,313	22,660
Truck Other [3]	442	694	1,136	318	389	707
Total by Truck	15,059	16,328	31,387	12,918	12,628	25,546
Rail East	457	1,915	2,372	530	1,240	1,770
Rail West	24,065	21,399	45,464	34,892	37,094	71,986
Rail Other [3]	42	7	49	13	4	17
Total by Rail	24,564	23,321	47,885	35,435	38,338	73,773
Total Wheat Shipped...	39,623	39,649	79,272	48,353	50,966	99,319

[1] Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.
[2] Includes durum.
[3] Other and unknown.

ALL WHEAT PRODUCTION, STOCKS AND UTILIZATION

1976 - 1980 Marketing Years

SUPPLY	1976	1977	1978	1979	1980
			Million Bushels		
Beginning stocks[1/]	50.1	87.8	97.9	87.1	74.6
Production	167.3	130.9	146.1	116.5	119.8
Total Supply	217.4	218.7	244.0	203.6	194.4
DISPOSITION					
Recorded movement out of State[2/]	88.8	82.4	113.0	107.9	95.0
Milled for flour in Montana	8.1	7.9	8.3	7.9	7.9
Used for seed in Montana	4.8	5.2	5.4	6.4	6.4
Used for livestock feed.[3/]	5.4	5.1	3.0	1.7	1.9
Unaccounted disappearance (to balance)[4/]	22.5	20.2	27.2	5.1	7.4
Total disposition	129.6	120.8	156.9	129.0	118.6
Ending stocks[1/]	87.8	97.9	87.1	74.6	75.8

1/ Farm and commercial.
2/ Reported by elevators, licensed truckers and special survey of truck destinations.
3/ Utilization for feed--on farms where grown, cattle feeders, feed mills and purchased by other farmers for feed.
4/ Due to unknowns in components, probably most is unrecorded truck movement.

WHEAT MOVEMENT TO PACIFIC NORTHWEST, UTILIZATION AND EXPORTS[1]

By Marketing Year 1976 - 1980

ITEM	Marketing Year[2/] 1976	1977	1978	1979	1980
			Million Bushels		
Beginning stocks	50.1	87.8	97.9	87.1	74.6
Production	167.3	130.9	146.1	116.5	119.8
Ending stocks	-87.8	-97.9	-87.1	-74.6	-75.8
Total Disposition[3/]	129.6	120.8	156.9	129.0	118.6
Shipments of wheat into Pacific Northwest.[4/] (adjusted for unaccounted disappearance)	88.5	96.6	114.8	92.7	92.5
Total wheat used for flour in Pacific Northwest. (includes bulgar)	(30.7)	(30.4)	(32.8)	(26.8)	(33.4)
Estimated Montana wheat milled for flour in Pacific Northwest. (includes bulgar)[5/]	21.0	19.9	21.5	16.5	21.2
Estimated Montana wheat exported from Pacific Northwest ports.[6/]	67.5	76.7	93.3	76.2	71.3
Percent of total disposition	52%	63%	59%	59%	60%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific N.W. ports	108.0	123.7	175.1	193.1	179.0
Montana exports as percent of total HRS, HRW and Durum exports from P.N. ports	62%	62%	53%	39%	40%

1/ Pacific Northwest--Oregon and Washington.
2/ June 1-May 31.
3/ Beginning stocks plus production minus ending stocks.
4/ Source: Montana Grain Movement project.
5/ Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington or other states.
6/ Estimated Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.

STOCKS OF MAJOR GRAINS - 1973 - 1982

CROP AND YEAR	JANUARY 1		APRIL 1		JULY 1 [2]		OCTOBER 1	
	On Farm Total	Total All Positions [1]	On Farm Total	Total All Positions [1]	On Farm Total	Total All Positions [1]	On Farm Total	Total All Positions
	Thousand Bushels							
ALL WHEAT								
1973	70,170	90,658	46,451	61,696	21,743	31,503	66,733	85,732
1974	47,390	61,121	26,113	35,797	14,507	18,294	87,679	110,273
1975	55,250	71,615	31,228	40,106	19,217	24,315	116,944	145,575
1976	90,437	113,065	48,337	64,63/	38,981	50,050	142,201	173,101
1977	112,088	138,790	85,320	105,538	71,937	87,810	146,630	171,683
1978	126,992	148,850	102,118	118,517	83,789	97,872	156,274	185,567
1979	131,445	157,274	102,235	121,707	71,565	87,116	140,935	168,008
1980	107,157	130,013	80,368	96,078	58,238	73,538	148,552	175,714
1981	110,216	134,166	76,672	94,250	61,098	75,766	171,102	201,135
1982	131,351	156,351	101,970	120,105	74,317	86,017	3/	3/
WINTER WHEAT								
1973	32,864	44,391	17,399	25,012	6,012	10,693	33,623	44,748
1974	19,741	27,670	9,370	14,522	5,512	7,418	53,159	68,114
1975	32,052	42,764	17,264	23,061	10,438	13,374	73,166	94,328
1976	59,955	75,004	30,939	41,934	25,448	39,915	79,834	100,737
1977	63,215	80,813	45,979	58,675	38,343	48,649	84,448	99,906
1978	74,704	88,718	58,464	69,118	45,472	45,444	81,189	99,805
1979	69,471	85,997	53,568	65,790	38,502	49,258	67,285	85,146
1980	52,692	69,084	40,163	51,663	31,556	53,556	69,822	89,309
1981	46,430	62,867	29,822	39,649	25,749	34,273	81,514	98,754
1982	65,464	81,538	50,623	61,549	35,479	42,529	3/	3/
DURUM WHEAT								
1973	4,052	5,051	3,208	4,200	1,773	2,487	4,885	5,885
1974	2,603	3,688	1,602	2,360	921	1,207	4,566	5,226
1975	3,551	4,447	2,537	3,101	1,623	1,879	8,606	9,543
1976	5,974	6,968	4,961	5,836	3,645	4,266	9,667	10,947
1977	8,042	9,096	7,443	8,434	6,502	7,241	8,228	9,258
1978	6,776	7,530	6,292	6,833	5,808	6,387	13,050	13,795
1979	9,135	9,936	7,569	8,349	6,525	6,947	10,920	11,420
1980	7,917	8,307	6,143	6,507	4,436	4,636	3/	10,645
1981	--	9,066	--	7,518	--	5,441	--	13,776
1982	--	12,524	--	10,044	--	8,068	--	3/
ALL SPRING WHEAT (Including Durum)								
1973	37,306	46,267	29,052	36,675	15,731	20,810	33,110	40,984
1974	27,649	33,451	16,743	21,275	8,995	10,876	34,520	42,159
1975	23,198	28,851	13,964	17,045	8,779	10,941	43,778	51,247
1976	30,482	38,061	17,398	22,703	13,533	17,135	62,367	72,364
1977	48,873	57,977	39,341	46,863	33,594	39,161	62,182	71,777
1978	52,288	60,132	43,654	49,399	38,317	43,428	75,085	85,762
1979	61,974	71,277	48,667	55,917	33,063	37,858	73,650	82,862
1980	54,465	60,929	40,205	44,415	26,682	29,982	78,730	86,405
1981	63,786	71,299	46,850	54,601	35,349	41,493	89,588	102,381
1982	65,887	76,855	51,347	58,556	38,838	43,488	3/	3/
OATS								
1973	12,989	16,842	8,856	12,833	6,731	10,159	10,191	13,073
1974	10,530	13,405	6,669	9,380	4,914	5,782	7,914	8,884
1975	7,315	8,814	4,389	5,224	2,860	3,301	7,704	8,177
1976	6,732	7,086	4,039	4,450	3,142	3,440	8,064	8,536
1977	7,310	7,701	4,296	4,692	3,391	3,610	5,750	6,112
1978	5,200	5,519	3,600	3,869	2,500	2,746	10,567	10,979
1979	9,435	9,735	6,510	6,747	5,284	5,504	6,825	7,018
1980	6,338	6,523	3,803	3,990	2,584	2,748	4,497	4,837
1981	4,176	4,372	2,570	2,787	2,152	2,296	4,820	5,137
1982	4,114	4,414	2,178	2,478	1,694	1,824	3/	3/
BARLEY								
1973	39,048	46,190	16,643	23,830	7,682	10,311	46,200	55,125
1974	42,000	50,173	24,000	29,989	14,400	17,793	32,250	39,139
1975	21,000	26,880	9,750	12,178	4,875	6,202	41,067	45,010
1976	29,913	34,229	14,703	18,268	8,112	10,023	38,007	42,336
1977	24,991	28,602	12,496	15,099	7,810	9,510	44,888	49,103
1978	37,580	41,841	21,922	24,588	13,571	15,813	52,546	57,824
1979	44,720	49,536	28,509	32,596	22,919	25,542	46,644	51,638
1980	31,231	35,119	15,413	18,058	9,329	11,129	40,572	44,177
1981	29,547	33,065	10,584	12,765	6,615	7,579	45,408	50,099
1982	28,948	32,548	13,622	15,772	5,108	6,158	3/	3/

1/ Includes farm stock at mills elevators, warehouses, terminals, processors, and stocks owned by Commodity Credit Corporation.

2/ Starting in 1976 data pertains to June 1.

3/ Some data not available for publication.

MINOR CROPS

COUNTY & DISTRICT	ACREAGES REPORTED TO COUNTY ASCS OFFICES 1980			
	SUNFLOWER	SAFFLOWER	RAPE SEED	MUSTARD SEED
Deerlodge	---	---	---	---
Flathead	21	---	---	---
Granite	---	---	---	---
Lake	67	---	---	---
Lincoln	---	---	---	---
Mineral	---	---	---	---
Missoula	---	---	---	---
Powell	---	---	---	---
Ravalli	76	---	---	---
Sanders	---	---	---	---
N. WEST	164	---	---	---
Blaine	744	5,480	---	---
Choteau	2,664	19,030	---	---
Glacier	154	---	---	1,258
Hill	946	4,288	---	---
Liberty	503	308	---	1,002
Phillips	3,680	756	---	301
Pondera	963	647	---	446
Teton	225	106	---	295
Toole	---	147	---	78
N. CENTRAL	9,879	30,762	---	3,380
Daniels	---	2,452	---	---
Dawson	66	3,523	---	---
Garfield	2,164	2,587	---	626
McCone	55	4,915	---	---
Richland	269	5,658	---	243
Roosevelt	146	3,780	---	---
Sheridan	379	2,956	---	---
Valley	613	3,898	---	---
N. EAST	3,692	29,769	---	869
Broadwater	---	---	---	---
Cascade	31	1,932	---	---
Fergus	304	4,202	---	132
Golden Valley	---	---	---	---
Judith Basin	121	202	---	---
Lewis & Clark	---	---	---	---
Meagher	5	---	---	---
Musselshell	---	270	---	---
Petroleum	---	---	---	---
Wheatland	---	---	---	---
CENTRAL	461	6,606	---	132
Beaverhead	---	---	---	---
Gallatin	6	31	47	---
Jefferson	---	---	---	---
Madison	---	---	---	---
Silver Bow	---	---	---	---
S. WEST	6	31	47	---
Big Horn	---	---	---	---
Carbon	---	---	---	---
Park	---	---	---	---
Stillwater	---	58	---	---
Sweet Grass	---	---	---	---
Treasure	---	---	---	---
Yellowstone	---	313	---	---
S. CENTRAL	---	371	---	---
Carter	815	874	---	---
Custer	---	408	---	---
Fallon	571	1,216	---	---
Powder River	---	771	---	---
Prairie	---	297	---	---
Rosebud	365	264	---	---
Wibaux	---	1,900	---	---
S. EAST	1,751	5,730	---	---
STATE	15,953	73,269	47	4,381

BARLEY - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	1,300	1,300	63.5	82,600	1,000	67.0	300	52.0
Flathead	27,000	26,800	67.5	1,808,200	12,200	72.0	14,600	63.7
Granite	500	400	73.0	29,200	400	73.0	--	--
Lake	17,600	16,000	59.5	952,100	8,100	65.0	7,900	53.9
Lincoln	200	100	61.0	6,100	100	61.0	--	--
Mineral	100	100	54.0	5,400	--	--	100	54.0
Missoula	3,000	2,900	57.7	167,200	1,900	63.0	1,000	47.5
Powell	1,800	1,500	63.9	95,800	1,300	65.0	200	56.5
Ravalli	5,600	5,200	70.7	367,800	3,800	73.0	1,400	64.6
Sanders	900	700	52.3	36,600	200	61.0	500	48.8
N. WEST	58,000	55,000	64.6	3,551,000	29,000	69.0	26,000	59.6
Blaine	29,000	28,000	34.8	975,400	4,700	50.0	23,300	31.8
Chouteau	139,000	132,000	38.8	5,120,700	1,300	54.0	130,700	38.6
Glacier	71,500	69,000	44.2	3,048,000	4,000	58.0	65,000	43.3
Hill	21,500	20,500	32.0	656,300	300	53.0	20,200	31.7
Liberty	23,000	22,000	37.0	814,000	--	--	22,000	37.0
Phillips	25,000	21,500	28.0	602,000	1,500	46.0	20,000	26.7
Pondera	85,000	84,000	53.1	4,464,000	18,000	61.0	66,000	51.0
Teton	52,000	50,000	57.5	2,873,600	37,000	60.0	13,000	50.3
Toole	42,000	40,000	42.7	1,708,000	200	64.0	39,800	42.6
N. CENTRAL	488,000	467,000	43.4	20,262,000	67,000	59.0	400,000	40.8
Daniels	9,000	6,000	15.9	95,100	--	--	6,000	15.9
Dawson	15,500	8,500	15.1	128,300	400	35.0	8,100	14.1
Garfield	18,000	10,800	17.6	189,800	100	41.0	10,700	17.4
McCone	20,000	7,000	13.3	92,900	200	35.0	6,800	12.6
Richland	11,500	5,000	18.7	93,300	1,200	36.0	3,800	13.2
Roosevelt	13,500	8,500	13.6	115,200	100	37.0	8,400	13.3
Sheridan	10,000	4,700	15.5	72,800	--	--	4,700	15.5
Valley	27,500	18,500	20.4	377,200	3,000	41.0	15,500	16.4
N. EAST	125,000	69,000	16.9	1,164,600	5,000	39.0	64,000	15.2
Broadwater	14,500	14,200	56.0	795,400	8,700	66.0	5,500	40.1
Cascade	51,000	49,500	48.9	2,419,100	6,500	61.0	43,000	47.0
Fergus	103,000	99,500	39.0	3,879,900	--	--	99,500	39.0
Golden Valley	6,500	5,000	29.0	145,000	300	52.0	4,700	27.5
Judith Basin	53,000	51,500	42.0	2,163,000	400	57.0	51,100	41.9
Lewis & Clark	9,500	9,000	50.0	450,200	5,000	58.0	4,000	40.0
Meagher	9,000	8,800	39.0	343,200	2,600	55.0	6,200	32.3
Musselshell	5,000	4,000	34.0	136,000	900	60.0	3,100	26.5
Petroleum	5,500	3,500	23.5	82,200	100	45.0	3,400	22.9
Wheatland	13,000	10,000	32.7	327,100	1,000	54.0	9,000	30.3
CENTRAL	270,000	255,000	42.1	10,741,100	25,500	61.0	229,500	40.0
Beaverhead	14,000	12,000	58.0	696,000	8,500	65.0	3,500	41.0
Gallatin	53,400	51,500	55.9	2,879,600	20,000	64.0	31,500	50.8
Jefferson	2,700	2,500	36.7	91,800	700	49.0	1,800	31.9
Madison	4,600	3,800	61.2	232,400	3,200	65.0	600	40.7
Silver Bow	300	200	48.0	9,600	100	58.0	100	38.0
S. WEST	75,000	70,000	55.8	3,909,400	32,500	64.0	37,500	48.8
Big Horn	33,400	32,800	26.0	853,600	1,500	58.0	21,300	24.5
Carbon	14,500	13,000	50.0	649,900	8,000	60.0	5,000	33.9
Park	11,500	11,200	37.0	414,400	2,800	61.0	8,400	29.0
Stillwater	18,500	17,000	32.0	544,000	900	56.0	16,100	30.7
Sweet Grass	6,500	6,000	35.7	214,000	1,000	59.0	5,000	31.0
Treasure	2,100	2,000	49.0	98,000	1,300	60.0	700	28.6
Yellowstone	28,500	26,000	43.3	1,126,000	10,000	63.0	16,000	31.0
S. CENTRAL	115,000	108,000	36.1	3,899,900	25,500	61.0	82,500	28.4
Carter	7,500	3,500	18.5	64,800	--	--	3,500	18.5
Custer	9,500	6,000	25.1	150,300	1,400	42.0	4,600	19.9
Fallon	6,500	2,700	13.0	35,100	--	--	2,700	13.0
Powder River	5,500	3,800	15.5	58,900	100	37.0	3,700	14.9
Prairie	6,500	2,800	23.0	64,400	1,100	39.0	1,700	12.6
Rosebud	8,500	5,100	31.5	160,600	1,900	44.0	3,200	24.1
Wibaux	5,000	2,100	18.0	37,900	--	--	2,100	18.0
S. EAST	49,000	26,000	22.0	572,000	4,500	42.0	21,500	17.8
STATE	1,180,000	1,050,000	42.0	44,100,000	189,000	61.0	861,000	37.8

BARLEY - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harvested	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	1,400	1,400	58.0	81,200	1,000	64.0	400	43.0
Flathead	27,000	25,900	57.0	1,476,000	12,000	63.0	13,900	51.8
Granite	900	700	59.6	41,700	500	67.0	200	41.0
Lake	12,200	11,900	58.3	693,900	7,500	65.0	4,400	46.9
Lincoln	200	200	57.0	11,400	200	57.0	--	--
Mineral	100	100	68.0	6,800	100	68.0	--	--
Missoula	3,800	3,700	47.9	177,200	1,500	58.0	2,200	41.0
Powell	3,900	3,900	52.8	205,800	1,700	68.0	2,200	41.0
Ravalli	5,400	5,300	59.4	314,600	3,700	66.0	1,600	44.0
Sanders	1,100	1,100	50.2	55,200	400	61.0	700	44.0
N. WEST	56,000	54,200	56.5	3,063,800	28,600	64.0	25,600	48.2
Blaine	28,000	27,000	36.4	984,100	2,600	60.0	24,400	33.9
Chouteau	188,000	180,600	44.0	7,955,300	400	65.0	180,200	44.0
Glacier	85,100	82,700	47.9	3,957,500	14,800	62.0	67,900	44.8
Hill	36,400	35,700	33.2	1,184,400	--	--	35,700	33.2
Liberty	37,200	36,100	42.7	1,539,700	--	--	36,100	42.7
Phillips	27,800	26,500	34.5	913,500	1,600	58.0	24,900	33.0
Pondera	100,100	96,500	52.4	5,055,800	26,500	62.0	70,000	48.8
Teton	88,200	85,700	55.3	4,736,400	32,700	72.0	53,000	44.9
Toole	46,200	44,700	41.7	1,865,000	400	61.0	44,300	41.5
N. CENTRAL	637,000	615,500	45.8	28,191,700	79,000	66.0	536,500	42.8
Daniels	11,200	10,800	21.5	232,500	--	--	10,800	21.5
Dawson	23,800	21,500	24.7	532,000	600	57.0	20,900	23.8
Garfield	26,600	24,000	28.9	694,400	--	--	24,000	28.9
McCone	26,100	22,800	30.9	703,800	500	58.0	22,300	30.3
Richland	23,900	22,000	30.9	679,000	3,000	64.0	19,000	25.6
Roosevelt	16,900	16,400	30.3	496,400	--	--	16,400	30.3
Sheridan	15,500	14,600	29.7	433,200	--	--	14,600	29.7
Valley	25,400	23,100	27.6	638,400	2,300	56.0	20,800	24.5
N. EAST	169,400	155,200	28.4	4,409,700	6,400	60.0	148,800	27.1
Broadwater	12,600	12,300	57.9	711,900	9,300	63.0	3,000	42.0
Cascade	61,600	60,900	48.3	2,942,600	7,300	58.0	53,600	47.0
Fergus	113,400	101,200	39.0	3,950,800	200	59.0	101,000	39.0
Golden Valley	8,400	7,500	34.1	255,800	500	54.0	7,000	32.7
Judith Basin	68,600	62,400	37.2	2,319,400	200	56.0	62,200	37.1
Lewis & Clark	7,000	6,600	45.7	301,300	4,000	51.0	2,600	37.4
Meagher	15,400	14,900	44.1	657,000	1,900	53.0	13,000	42.8
Musselshell	8,400	8,200	38.8	317,800	700	54.0	7,500	37.3
Petroleum	5,600	5,200	35.4	184,300	300	48.0	4,900	34.7
Wheatland	21,000	19,300	33.3	642,800	200	53.0	19,100	33.1
CENTRAL	322,000	298,500	41.2	12,283,700	24,600	58.0	273,900	39.6
Beaverhead	9,900	9,200	66.8	614,400	8,600	68.0	600	49.3
Gallatin	41,100	38,500	54.1	2,081,600	15,200	64.0	23,300	47.6
Jefferson	1,600	1,300	58.2	75,700	1,200	59.0	100	49.0
Madison	5,900	5,300	59.5	315,300	3,900	64.0	1,400	46.9
Silver Bow	300	200	67.0	13,400	200	67.0	--	--
S. WEST	58,800	54,500	56.9	3,100,400	29,100	65.0	25,400	47.6
Big Horn	22,000	21,200	45.3	960,100	2,300	73.0	18,900	41.9
Carbon	12,400	11,900	59.4	707,000	5,900	74.0	6,000	45.1
Park	9,700	8,700	41.7	362,400	400	56.0	8,300	41.0
Stillwater	20,600	19,100	33.4	637,300	900	61.0	18,200	32.0
Sweet Grass	4,200	3,900	48.2	188,100	1,800	58.0	2,100	39.9
Treasure	2,800	2,700	69.3	187,100	2,200	75.0	500	44.2
Yellowstone	23,500	22,200	54.8	1,217,600	10,400	74.0	11,800	38.0
S. CENTRAL	95,200	89,700	47.5	4,259,600	23,900	72.0	65,800	38.6
Carter	9,000	7,200	21.6	155,200	--	--	7,200	21.6
Custer	9,800	9,000	24.3	219,000	600	59.0	8,400	21.9
Fallon	7,800	6,200	29.5	183,200	--	--	6,200	29.5
Powder River	6,800	5,900	24.2	142,600	700	58.0	5,200	19.6
Prairie	6,700	6,100	32.6	198,800	600	59.0	5,500	29.7
Rosebud	16,000	13,400	30.8	412,100	1,500	64.0	11,900	26.6
Wibaux	5,500	4,600	30.5	140,200	--	--	4,600	30.5
S. EAST	61,600	52,400	27.7	1,451,100	3,400	61.0	49,000	25.5
STATE	1,400,000	1,320,000	43.0	56,760,000	195,000	65.0	1,125,000	39.2

BARLEY VARIETIES - 1976 - 1982

VARIETY	1976	1977	1978	1979	1980	1981	1982
			Percent of Total Seeded Acreage.				
Hector	11.2	14.3	14.9	17.5	20.3	28.1	27.3
Piroline	24.8	37.8	31.9	28.7	29.3	31.1	24.8
Klages	2.5	6.1	12.7	13.6	10.4	10.2	12.6
Morex	---	---	---	.1	.9	2.5	8.5
Summit	---	---	1.0	4.0	3.2	1.4	5.5
Unitan	8.9	7.9	6.1	5.1	5.1	2.8	3.9
Clark	---	---	---	---	---	---	2.5
Compana	5.5	3.0	6.0	2.8	3.3	3.5	2.0
Steptoe	9.0	4.7	4.8	3.8	2.2	1.5	1.4
Betzes	5.1	2.8	2.8	2.6	1.7	.7	1.1
Glenn	---	---	---	---	---	---	1.0
Ingrid	.4	2.5	2.0	2.0	2.5	2.1	1.0
Larker	.9	3.7	2.5	1.7	1.8	2.3	1.0
Shabet	17.0	5.0	4.4	5.1	5.5	4.8	.6
Fairfield	---	---	---	1.6	5.1	2.4	.6
Horsford	1.0	.5	1.4	2.6	.7	1.1	.6
Purcell	---	---	---	---	.7	.4	.5
Vireo	---	---	.2	.5	1.2	.5	.5
Hypana	1.5	2.6	3.1	1.6	1.0	.4	.4
Minuet	---	---	---	---	---	---	.4
Palister	---	---	---	---	---	---	.3
Stepford	---	---	.2	.2	.2	.9	.2
Moravian III	---	.4	.3	.3	.6	.8	.2
Other [1/]	10.2	8.7	5.7	6.2	4.3	2.5	3.1
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Includes minor and unknown varieties.

BARLEY VARIETIES - 1982

Seeded Acreage by District

VARIETY	N. WEST	N. CENT.	N. EAST	CENT.	S. WEST	S. CENT.	S. EAST	STATE
				Thousands				
Hector	.7	98.7	145.6	137.5	2.6	47.3	17.6	450.0
Piroline.....M.	1.5	321.9	5.1	66.1	13.2	---	1.9	409.6
Klages.....M.	4.0	148.7	---	31.4	3.2	21.0	---	208.4
Morex.....M.	---	113.3	3.1	16.4	2.5	---	5.6	140.9
Summit	2.8	19.4	---	40.0	18.6	.6	9.9	91.2
Unitan	2.5	6.9	19.5	16.9	7.0	2.5	9.5	64.8
Clark	---	24.6	2.0	3.0	7.3	.5	3.7	41.1
Compana	---	7.4	6.0	15.3	.2	2.9	1.2	33.0
Steptoe	.2	9.7	6.6	---	.3	3.6	2.4	22.8
Betzes.....M.	---	15.5	1.1	1.3	---	---	.4	18.3
Glenn	---	13.9	1.4	---	---	1.9	---	17.3
Ingrid	12.5	1.5	---	---	---	2.9	---	16.9
Larker	---	1.2	14.7	---	---	---	---	15.9
Shabet.....M.	1.2	1.7	---	.3	---	---	7.2	10.4
Fairfield	---	9.6	---	---	---	---	---	9.6
Horsford	.7	.2	.6	4.8	1.1	1.7	.3	9.5
Purcell	9.0	---	---	---	---	---	---	9.0
Vireo	8.4	---	---	---	---	.5	---	8.9
Hypana	---	4.8	2.5	---	---	---	---	7.3
Minuet	6.7	.3	---	---	---	---	---	7.0
Palister	---	---	3.4	.8	---	---	---	4.1
Stepford	---	---	.9	1.6	1.3	---	---	3.9
Moravian III..M.	---	2.8	---	---	---	1.1	---	3.9
Other	7.0	10.7	6.5	6.6	.6	8.6	6.2	46.2
ALL VARIETIES	57.0	813.0	219.0	342.0	58.0	95.0	66.0	1,650.0

(M) Malting Barley Improvement Association recommended malting varieties for Montana.

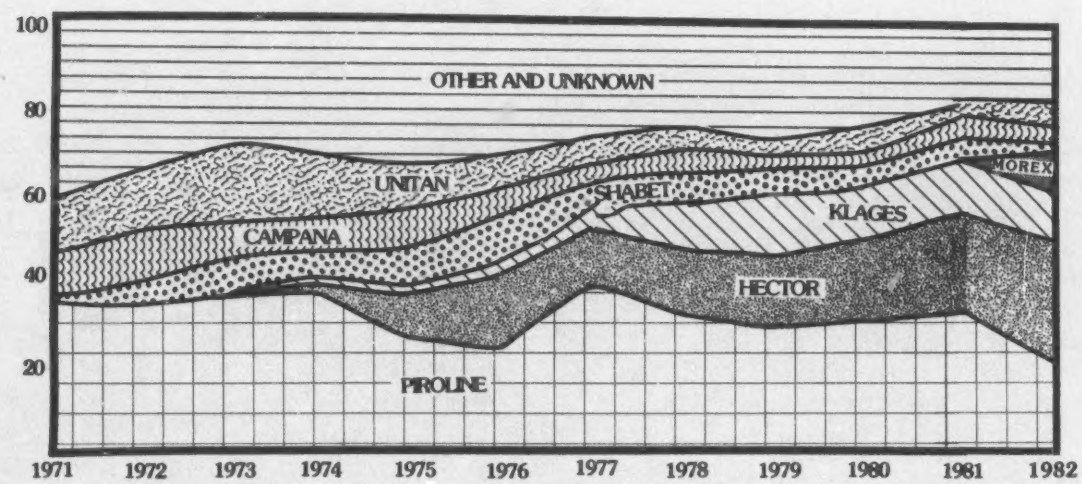
MARKETINGS OF MAJOR CROPS: ESTIMATED PERCENT OF FARM SALES, MONTHLY, MONTANA 1976-1977 TO 1980-1981

Marketing Year:	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.
						ALL WHEAT						
1976-77.....	8	12	3	12	8	9	11	7	6	5	5	4
1977-78.....	7	9	9	7	9	10	8	8	8	10	8	7
1978-79.....	8	12	10	10	7	8	10	7	7	7	7	7
1979-80.....	8	6	11	8	12	9	8	6	7	7	10	8
1980-81.....	7	7	10	13	7	7	12	7	8	8	7	7
						BARLEY						
1976-77.....	13	15	8	8	7	7	8	7	7	7	7	6
1977-78.....	5	9	10	8	11	9	6	7	7	10	8	10
1978-79.....	9	8	9	9	8	7	9	6	12	9	5	9
1979-80.....	7	5	13	12	8	16	10	6	5	5	6	7
1980-81.....	11	8	6	12	10	14	13	8	9	4	4	1
						OATS						
1976-77.....	10	13	7	8	8	8	9	7	10	6	7	7
1977-78.....	3	7	6	8	9	11	11	13	10	10	9	3
1978-79.....	4	5	9	6	7	8	10	9	10	11	10	11
1979-80.....	2	3	8	10	5	13	12	7	14	4	16	6
1980-81.....	13	11	9	5	6	5	8	11	11	8	6	7

Marketing Year:	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.
						ALL HAY						
1976-77.....	2	3	5	6	7	12	19	14	12	10	7	3
1977-78.....	3	4	7	6	8	12	16	13	11	10	7	3
1978-79.....	2	4	6	6	7	11	14	18	16	8	5	3
1979-80.....	2	3	5	6	8	8	17	12	10	9	11	8
1980-81.....	5	10	7	6	9	15	13	8	9	8	5	5

BARLEY

Major Varieties as Percent of Total Acreage - 1971-1982



CORN - 1980

Acreage, Utilization, Silage and Yield by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES Planted	Harvested for Grain	Harvested for Forage and Grazed	Harvested for Silage	HARVESTED FOR SILAGE Irrigated Acres Harvested	Irrigated Yield per Acre Tons	Not Irrigated Acres Harvested	Not Irrigated Yield per Acre Tons
Flathead	100	--	--	100	100	17.0	--	--
Lake	1,500	--	--	1,400	1,200	18.0	200	12.0
Mineral	100	--	--	100	100	18.0	--	--
Missoula	200	--	--	200	200	19.0	--	--
Ravalli	450	--	--	450	350	20.0	100	12.0
Sanders	150	--	--	150	50	18.0	100	12.0
N. WEST	2,500	--	--	2,400	2,000	18.4	400	12.0
Blaine	1,400	--	50	1,250	1,250	16.0	--	--
Choteau	150	--	--	150	150	16.0	--	--
Glacier	100	--	--	100	100	14.0	--	--
Hill	200	--	--	200	200	17.0	--	--
Liberty	200	--	--	200	200	16.0	--	--
Phillips	450	--	50	400	400	16.0	--	--
Pondera	100	--	--	100	100	17.0	--	--
Teton	100	--	--	100	100	18.0	--	--
Toole	100	--	--	100	100	16.0	--	--
N. CENTRAL	2,800	--	100	2,600	2,600	16.1	--	--
Dawson	4,600	1,000	250	2,900	2,500	18.0	400	5.0
Garfield	600	--	50	500	400	17.0	100	5.0
McCone	300	--	--	300	300	16.0	--	--
Richland	9,500	1,000	400	7,400	6,500	19.0	900	5.0
Roosevelt	600	--	100	500	400	18.0	100	5.0
Sheridan	200	--	--	200	200	14.0	--	--
Valley	1,600	100	100	1,200	800	17.0	400	5.0
N. EAST	17,400	2,100	900	13,000	11,100	18.4	1,900	5.0
Broadwater	250	--	--	250	250	18.0	--	--
Cascade	500	--	--	500	500	20.0	--	--
Fergus	400	--	--	400	400	17.0	--	--
Golden Valley	700	--	--	600	600	20.0	--	--
Judith Basin	250	--	--	250	250	18.0	--	--
Lewis & Clark	50	--	--	50	50	18.0	--	--
Mussleshell	800	--	--	700	700	18.0	--	--
Petroleum	50	--	--	50	50	14.0	--	--
CENTRAL	3,000	--	--	2,800	2,800	18.6	--	--
Gallatin	250	--	--	250	250	20.0	--	--
Jefferson	50	--	--	50	50	20.0	--	--
S. WEST	300	--	--	300	300	20.0	--	--
Big Horn	5,000	400	--	4,200	4,200	16.0	--	--
Carbon	5,100	400	50	4,200	4,200	20.0	--	--
Stillwater	3,300	200	--	2,900	2,400	20.0	500	6.0
Treasure	4,600	800	--	3,400	3,200	21.0	200	6.0
Yellowstone	18,100	1,500	50	15,900	15,600	20.0	300	6.0
S. CENTRAL	36,100	3,300	100	30,600	29,600	19.5	1,000	6.0
Carter	900	--	50	750	600	16.0	150	4.0
Custer	7,800	700	100	6,500	6,100	17.0	400	4.0
Fallon	800	300	--	400	400	16.0	--	--
Powder River	400	--	--	400	400	16.0	--	--
Priarie	3,700	200	50	3,200	3,000	16.0	200	4.0
Rosebud	7,200	1,400	50	5,250	4,800	17.0	450	4.0
Wibaux	2,100	--	50	1,800	1,400	17.0	400	4.0
S. EAST	22,900	2,600	300	18,300	16,700	16.7	1,600	4.0
STATE	85,000	8,000	1,400	70,000	65,100	18.4	4,900	5.4

CORN - 1981

Acreage, Utilization, Silage and Yield by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	ACRES				HARVESTED FOR SILAGE			
					Irrigated		Not Irrigated	
	Planted	Harvested for Grain	Harvested for Forage and Grain	Harvested for Silage	Acres Harvested	Yield per Acre Ton	Acres Harvested	Yield per Acre Ton
Flathead	100	--	--	100	100	17.0	--	--
Lake	1,100	--	--	1,100	700	18.0	400	11.0
Missoula	100	--	--	100	50	19.0	50	12.0
Ravalli	200	--	--	200	100	20.0	100	11.0
Sanders	100	--	--	100	50	16.0	50	11.0
N. WEST	1,600	--	--	1,600	1,000	18.0	600	11.1
Blaine	1,200	--	100	1,100	1,100	16.0	--	--
Chouteau	100	--	--	100	100	17.0	--	--
Hill	200	--	--	200	200	11.0	--	--
Liberty	200	--	--	200	200	16.0	--	--
Phillips	400	--	200	200	200	11.0	--	--
N. CENTRAL	2,100	--	300	1,800	1,800	14.9	--	--
Dawson	5,100	1,700	200	2,900	2,400	16.0	500	5.0
Garfield	800	--	--	800	600	20.0	200	5.0
McCone	400	--	--	400	300	15.0	100	5.0
Richland	11,000	1,200	400	9,200	7,600	17.0	1,600	5.0
Roosevelt	1,400	--	300	1,100	800	18.0	300	5.0
Sheridan	100	--	--	100	100	15.0	--	--
Valley	2,000	100	--	1,800	1,200	17.0	600	5.0
N. EAST	20,800	3,000	900	16,300	13,000	17.0	3,300	5.0
Broadwater	100	--	--	100	100	18.0	--	--
Cascade	300	--	--	300	300	16.0	--	--
Fergus	100	--	--	100	100	18.0	--	--
Golden Valley	400	--	--	400	400	18.0	--	--
Judith Basin	200	--	--	200	200	18.0	--	--
Musselshell	900	--	100	800	800	19.0	--	--
Petroleum	100	--	--	100	100	20.0	--	--
CENTRAL	2,100	--	100	2,000	2,000	18.2	--	--
Gallatin	200	--	--	200	200	21.0	--	--
S. WEST	200	--	--	200	200	21.0	--	--
Big Horn	4,300	400	--	3,800	3,800	20.0	--	--
Carbon	5,700	500	--	5,100	5,100	18.0	--	--
Stillwater	2,700	200	--	2,500	2,500	17.0	--	--
Treasure	5,100	1,000	--	3,900	3,900	21.0	--	--
Yellowstone	20,200	1,600	200	18,100	18,100	20.0	--	--
S. CENTRAL	38,000	3,700	200	33,400	33,400	19.6	--	--
Carter	800	--	200	600	500	16.0	100	5.0
Custer	7,800	800	100	6,700	6,000	15.0	700	5.0
Fallon	1,300	300	200	700	600	17.0	100	5.0
Powder River	200	--	--	200	200	16.0	--	--
Prairie	4,200	500	600	3,000	2,600	16.0	400	5.0
Rosebud	5,600	1,700	--	3,600	3,200	16.0	400	5.0
Wibaux	1,300	--	400	900	500	18.0	400	5.0
S. EAST	21,200	3,300	1,500	15,700	13,600	15.7	2,100	5.0
STATE	86,000	10,000	3,000	71,000	65,000	18.1	6,000	5.6

CORN FOR GRAIN - 1980 and 1981

Acreage, Yield and Production by Counties - Principally Irrigated

COUNTY & DISTRICT	1980 Acres Harvested	1980 Yield per Acre	1980 Production	1981 Acres Harvested	1981 Yield per Acre	1981 Production
		Bushels			Bushels	
Dawson	1,000	72.0	72,000	1,700	84.0	142,800
Richland	1,000	75.0	75,000	1,200	89.0	106,800
Valley	100	70.0	7,000	100	85.0	8,500
N. EAST	2,100	73.3	154,000	3,000	86.0	258,100
Big Horn	400	74.0	29,600	400	79.0	31,600
Carbon	400	72.0	28,800	500	80.0	40,000
Stillwater	200	75.0	15,000	200	80.0	16,000
Treasure	800	74.0	59,200	1,000	84.0	84,000
Yellowstone	1,500	75.0	112,500	1,600	90.0	144.000
S. CENTRAL	3,300	74.3	245,100	3,700	85.0	315,600
Custer	700	77.0	53,900	800	84.0	67,200
Fallon	300	74.0	22,200	300	75.0	22,500
Prairie	200	73.0	14,600	500	74.0	37,000
Rosebud	1,400	73.0	102,200	1,700	88.0	149,600
S. EAST	2,600	74.2	192,900	3,300	84.0	276,300
STATE	8,000	74.0	592,000	10,000	85.0	850,000

POTATOES - 1980 - 1981

Acreage, Yield and Production by Counties - Principally Irrigated

COUNTY & DISTRICT	1980 Acres Planted	1980 Acres Harvested	1980 Yield per Acre	1980 Production	1981 Acres Planted	1981 Acres Harvested	1981 Yield per Acre	1981 Production
			Cwt.				Cwt.	
Deer Lodge & Powell	740	740	230	170,200	640	640	210	134,400
Flathead	700	700	270	189,000	1,000	1,000	240	240,000
Lake	2,100	2,050	250	512,500	2,050	2,000	230	460,200
Ravalli	200	200	260	52,000	260	260	240	62,400
Other Counties	10	10	130	1,300	--	--	--	--
N. WEST	3,750	3,700	250	925,000	3,950	3,900	230	897,000
N. CENTRAL	200	200	150	30,000	200	200	140	28,000
N. EAST	100	100	110	11,000	100	100	110	11,000
Broadwater	350	350	270	94,500	400	400	250	100,000
Cascade	50	50	240	12,000	--	--	--	--
Other Counties	50	50	210	10,500	100	100	200	20,000
CENTRAL	450	450	260	117,000	500	500	240	120,000
Beaverhead	350	350	230	80,500	300	300	210	63,000
Gallatin	1,900	1,850	280	518,000	2,150	2,100	270	567,000
Madison	100	100	225	22,500	150	150	220	33,000
S. WEST	2,350	2,300	270	621,000	2,600	2,550	260	663,000
S. CENTRAL	100	100	150	15,000	100	100	140	14,000
SOUTH EAST	50	50	120	6,000	50	50	120	6,000
STATE	7,000	6,900	250	1,725,000	7,500	7,400	235	1,739,000

SUGARBEETS 1980 and 1981

Acreage, Yield and Production by Counties - All Irrigated

COUNTY & DISTRICT	1980 Acres Planted	1980 Acres Harvested	1980 Yield per Acre (Tons)	1980 Production	1981 Acres Planted	1981 Acres Harvested	1981 Yield per Acre (Tons)	1981 Production
Dawson.....	2,790	2,610	20.8	54,200	2,830	2,830	22.7	64,100
Richland....	10,440	10,300	18.8	193,400	10,980	10,940	21.5	235,400
N. EAST	13,230	12,910	19.2	247,600	13,810	13,770	21.8	299,500
Big Horn....	4,700	4,590	19.9	91,300	4,770	4,760	20.7	98,500
Carbon.....	7,780	7,760	20.6	160,100	7,680	7,620	19.6	149,000
Stillwater..	990	920	22.6	20,800	1,030	1,020	17.8	18,200
Treasure....	3,970	3,780	21.6	81,500	3,970	3,950	22.2	87,800
Yellowstone.	10,780	10,660	21.1	225,400	10,570	10,520	19.6	205,800
S. CENTRAL	28,220	27,710	20.9	579,100	28,020	27,870	20.1	559,300
Prairie.....	1,450	1,390	17.9	24,900	1,570	1,550	23.3	36,400
Rosebud.....	1,300	1,290	21.2	27,400	1,300	1,300	23.7	30,800
S. EAST	2,750	2,680	19.5	52,300	2,870	2,860	23.5	67,200
STATE	44,200	43,300	20.3	879,000	44,700	44,500	20.8	926,000

DRY BEANS - 1980 and 1981

Acreage, Yield and Production by Counties - All Irrigated

COUNTY & DISTRICT	1980 Acres Planted	1980 Acres Harvested	1980 Yield per Acre (Tons)	1980 Production	1981 Acres Planted	1981 Acres Harvested	1981 Yield per Acre (Tons)	1981 Production
Daniels....	100	100	12.0	1,200	--	--	--	--
Dawson.....	2,200	2,000	16.0	32,000	2,700	2,500	17.0	42,500
Richland...	4,000	3,700	16.0	59,200	4,700	4,200	17.0	71,400
N. EAST	6,300	5,800	15.9	92,400	7,400	6,700	17.0	113,900
Big Horn...	200	200	15.0	3,000	300	300	17.0	5,100
Carbon.....	1,500	1,300	18.0	23,400	1,700	1,500	17.0	25,500
Stillwater.	300	300	14.0	4,200	300	300	16.0	4,800
Treasure...	400	400	17.0	6,800	400	400	16.0	6,400
Yellowstone	700	600	17.0	10,200	800	800	16.0	12,800
S. CENTRAL	3,100	2,800	17.0	47,600	3,500	3,300	16.5	54,600
Custer.....	1,300	1,200	16.0	19,200	1,600	1,500	17.0	25,500
Prairie....	600	600	14.0	8,400	700	700	16.0	11,200
Rosebud....	700	600	14.0	8,400	800	800	16.0	12,800
S. EAST	2,600	2,400	15.0	36,000	3,100	3,000	16.5	49,500
STATE	12,000	11,000	16.0	176,000	14,000	13,000	16.8	218,000

OATS - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	100	--	--	--	--	--	--	--
Flathead	1,200	500	61.8	30,900	300	81.0	200	33.0
Granite	300	100	56.0	5,600	100	56.0	--	--
Lake	4,400	1,800	70.4	126,800	1,000	86.0	800	51.0
Lincoln	300	100	61.0	6,100	100	61.0	--	--
Mineral	200	100	66.0	6,600	100	66.0	--	--
Missoula	700	200	71.0	14,200	200	71.0	--	--
Powell	500	200	56.0	11,200	200	56.0	--	--
Ravalli	2,000	900	73.7	66,300	800	77.0	100	47.0
Sanders	800	500	55.4	27,700	200	77.0	300	41.0
N. WEST	10,500	4,400	67.1	295,400	3,000	77.0	1,400	46.0
Blaine	9,500	2,700	51.1	138,100	1,100	63.0	1,600	43.0
Chouteau	5,800	2,700	50.4	136,200	200	81.0	2,500	48.0
Glacier	3,400	1,900	40.0	76,000	200	74.0	1,700	36.0
Hill	7,500	1,500	52.6	78,900	300	59.0	1,200	51.0
Liberty	1,800	500	35.0	17,500	--	--	500	35.0
Phillips	18,200	4,200	41.5	174,300	900	58.0	3,300	37.0
Pondera	2,600	1,300	61.6	80,100	400	81.0	900	53.0
Teton	4,000	1,800	64.0	115,200	900	76.0	900	52.0
Toole	2,900	800	43.9	35,100	300	57.0	500	36.0
N. CENTRAL	55,700	17,400	48.9	851,400	4,300	67.0	13,100	43.0
Daniels	7,800	1,300	18.0	23,400	--	--	1,300	18.0
Dawson	8,100	1,400	30.1	42,200	200	67.0	1,200	24.0
Garfield	9,800	3,400	28.0	95,200	--	--	3,400	28.0
McCone	8,800	1,900	28.0	53,200	--	--	1,900	28.0
Richland	11,200	2,800	35.1	98,300	500	77.0	2,300	26.0
Roosevelt	10,500	2,500	23.2	57,900	100	51.0	2,400	22.0
Sheridan	9,000	1,500	28.5	42,800	100	50.0	1,400	27.0
Valley	10,300	2,800	31.6	88,600	200	53.0	2,600	30.0
N. EAST	75,500	17,600	28.5	501,600	1,100	66.0	16,500	26.0
Broadwater	1,100	900	47.9	43,100	400	64.0	500	35.0
Cascade	3,100	1,900	54.6	103,700	400	83.0	1,500	47.0
Fergus	7,800	4,500	39.0	175,500	--	--	4,500	39.0
Golden Valley	3,300	2,000	41.0	82,000	500	65.0	1,500	33.0
Judith Basin	3,200	1,900	47.9	91,000	300	58.0	1,600	46.0
Lewis & Clark	1,500	800	55.9	44,700	700	59.0	100	34.0
Meagher	1,200	700	47.6	33,300	200	64.0	500	41.0
Musselshell	1,200	700	53.9	37,700	600	56.0	100	41.0
Petroleum	900	500	42.2	21,100	200	59.0	300	31.0
Wheatland	1,700	700	53.9	37,700	600	56.0	100	41.0
CENTRAL	25,000	14,600	45.9	669,800	3,900	62.0	10,700	40.0
Beaverhead	3,200	400	61.0	24,400	400	61.0	--	--
Gallatin	2,400	1,800	60.1	108,200	800	84.0	1,000	41.0
Jefferson	1,200	500	69.0	34,500	400	76.0	100	41.0
Madison	800	300	81.0	24,300	300	81.0	--	--
Silver Bow	100	--	--	--	--	--	--	--
S. WEST	7,700	3,000	63.8	191,400	1,900	77.0	1,100	41.0
Big Horn	400	300	65.7	19,700	200	78.0	100	41.0
Carbon	1,800	800	65.4	52,300	700	69.0	100	40.0
Park	1,500	900	52.3	47,100	600	59.0	300	39.0
Stillwater	1,500	900	48.7	43,800	400	67.0	500	34.0
Sweet Grass	5,000	1,800	50.4	90,800	1,000	58.0	800	41.0
Treasure	1,200	700	53.0	37,100	500	59.0	200	38.0
Yellowstone	3,800	2,200	52.7	116,000	1,400	60.0	800	40.0
S. CENTRAL	15,200	7,600	53.5	406,800	4,800	62.0	2,800	39.0
Carter	5,100	1,400	32.0	44,800	--	--	1,400	32.0
Custer	3,900	1,000	45.0	45,000	500	61.0	500	29.0
Fallon	6,500	1,700	31.0	52,700	--	--	1,700	31.0
Powder River	4,000	1,600	34.4	55,000	200	65.0	1,400	30.0
Prairie	3,000	900	39.7	35,700	200	63.0	700	33.0
Rosebud	4,000	800	44.3	35,400	200	66.0	600	37.0
Wibaux	3,900	1,000	27.0	27,000	--	--	1,000	27.0
S. EAST	30,400	8,400	35.2	295,600	1,100	63.0	7,300	31.0
STATE	220,000	73,000	44.0	3,212,000	20,100	67.0	52,900	35.3

OATS - 1981

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL				IRRIGATED		NOT IRRIGATED	
	Acres Planted	Acres Harv. for Grain	Yield per Acre	Production	Acres Harvested	Yield per Acre	Acres Harvested	Yield per Acre
			Bushels			Bu.		Bu.
Deer Lodge	--	--	--	--	--	--	--	--
Flathead	700	600	48.0	28,800	200	76.0	400	34.0
Granite	100	100	75.0	7,500	100	75.0	--	--
Lake	2,100	2,000	70.4	140,800	1,800	74.0	200	38.0
Lincoln	300	100	78.0	7,800	100	78.0	--	--
Mineral	300	100	77.0	7,700	100	77.0	--	--
Missoula	200	200	72.0	14,400	200	72.0	--	--
Powell	200	200	71.0	14,200	200	71.0	--	--
Ravalli	1,400	900	74.2	66,800	800	80.0	100	28.0
Sanders	900	800	56.3	45,000	500	72.0	300	30.0
N. WEST	6,200	5,000	66.6	333,000	4,000	75.0	1,000	33.0
Blaine	7,900	4,300	47.4	204,000	1,400	67.0	2,900	38.0
Chouteau	11,200	2,900	48.4	140,400	100	60.0	2,800	48.0
Glacier	6,000	2,500	50.5	126,300	700	57.0	1,800	48.0
Hill	8,700	3,700	41.5	153,500	100	59.0	3,600	41.0
Liberty	2,300	1,000	46.0	46,000	--	--	1,000	46.0
Phillips	22,500	7,200	42.5	305,800	1,000	64.0	6,200	39.0
Pondera	4,000	3,000	49.9	149,600	1,100	60.0	1,900	44.0
Teton	3,000	2,000	57.2	114,400	600	74.0	1,400	50.0
Toole	2,200	1,100	51.0	56,100	--	--	1,100	51.0
N. CENTRAL	67,800	27,700	46.8	1,296,100	5,000	64.0	22,700	43.0
Daniels	7,200	2,900	36.0	104,400	--	--	2,900	36.0
Dawson	6,500	4,000	38.5	154,000	300	57.0	3,700	37.0
Garfield	9,000	6,300	32.0	201,600	--	--	6,300	32.0
McCone	8,100	3,100	34.0	105,300	100	63.0	3,000	33.0
Richland	6,600	3,900	42.9	167,400	700	70.0	3,200	37.0
Roosevelt	17,000	8,000	38.0	304,000	--	--	8,000	38.0
Sheridan	15,500	8,000	34.0	272,000	--	--	8,000	34.0
Valley	9,600	3,000	35.6	106,800	400	59.0	2,600	32.0
N. EAST	79,500	39,200	36.1	1,415,500	1,500	64.0	37,700	35.0
Broadwater	1,200	900	67.7	60,900	800	71.0	100	41.0
Cascade	2,200	1,700	46.4	78,800	300	62.0	1,400	43.0
Fergus	3,600	2,900	39.0	113,100	300	65.0	2,600	36.0
Golden Valley	2,600	2,000	48.3	96,600	1,100	60.0	900	34.0
Judith Basin	3,900	3,400	39.4	134,000	200	62.0	3,200	38.0
Lewis & Clark	1,000	800	66.4	53,100	700	70.0	100	41.0
Meagher	1,000	900	50.8	45,700	400	63.0	500	41.0
Musselshell	800	700	57.6	40,300	600	61.0	100	37.0
Petroleum	600	500	42.2	21,100	100	59.0	400	38.0
Wheatland	900	700	53.4	37,400	500	60.0	200	37.0
CENTRAL	17,800	14,500	47.0	681,000	5,000	64.0	9,500	38.0
Beaverhead	1,100	600	73.0	43,800	600	73.0	--	--
Gallatin	1,000	900	69.2	62,300	800	73.0	100	39.0
Jefferson	800	600	66.5	39,900	500	72.0	100	39.0
Madison	800	500	69.0	34,500	500	69.0	--	--
Silver Bow	200	100	73.0	7,300	100	73.0	--	--
S. WEST	3,900	2,700	69.6	187,800	2,500	72.0	200	39.0
Big Horn	400	300	70.7	21,200	200	82.0	100	48.0
Carbon	900	800	79.4	63,500	700	84.0	100	47.0
Park	1,800	1,100	55.8	61,400	500	70.0	600	44.0
Stillwater	1,000	800	51.8	41,400	300	68.0	500	42.0
Sweet Grass	1,900	1,400	62.1	87,000	1,000	71.0	400	40.0
Treasure	1,000	700	66.7	46,700	400	86.0	300	41.0
Yellowstone	3,100	2,500	53.8	134,400	900	80.0	1,600	39.0
S. CENTRAL	10,100	7,600	59.9	455,600	4,000	77.0	3,600	41.0
Carter	10,300	2,600	26.0	67,600	--	--	2,600	26.0
Custer	4,900	1,600	47.3	75,600	700	72.0	900	28.0
Fallon	4,900	2,800	31.0	86,800	--	--	2,800	31.0
Powder River	6,500	2,300	35.2	80,900	100	61.0	2,200	34.0
Prairie	2,400	1,500	42.7	64,000	500	64.0	1,000	32.0
Rosebud	1,300	1,000	48.6	48,600	600	61.0	400	30.0
Wibaux	4,400	1,500	31.7	47,500	100	69.0	1,400	29.0
S. EAST	34,700	13,300	35.4	471,000	2,000	66.0	11,300	30.0
STATE	220,000	110,000	44.0	4,840,000	24,000	69.0	86,000	37.0

ALL HAY - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL Acres Harvested	TOTAL Yield per Acre (Tons)	TOTAL Production	IRRIGATED Acres Harvested	IRRIGATED Yield per Acre (Tons)	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield per Acre (Tons)
Deer Lodge	16,000	2.36	37,800	15,600	2.38	400	1.75
Flathead	45,500	2.18	99,300	18,500	3.03	27,000	1.60
Granite	31,500	2.05	64,600	30,000	2.09	1,500	1.33
Lake	59,500	2.70	160,400	36,500	3.04	23,000	2.15
Lincoln	11,700	2.21	25,900	7,500	2.79	4,200	1.19
Mineral	2,900	2.48	7,200	1,600	2.75	1,300	2.15
Missoula	25,900	2.35	60,900	17,300	2.75	8,600	1.56
Powell	59,500	1.74	103,800	42,500	1.88	17,000	1.40
Ravalli	36,500	2.76	100,700	34,500	2.81	2,000	1.85
Sanders	36,000	2.34	84,400	21,000	2.79	15,000	1.73
N. WEST	325,000	2.29	745,000	225,000	2.56	100,000	1.70
Blaine	46,000	2.07	95,400	26,000	2.83	20,000	1.10
Choteau	43,500	1.81	78,700	9,500	3.05	34,000	1.46
Glacier	26,000	1.65	42,800	8,500	2.46	17,500	1.25
Hill	26,000	1.75	45,600	8,500	2.99	17,500	1.15
Liberty	12,000	1.31	15,700	1,500	1.87	10,500	1.23
Phillips	66,000	1.50	99,100	35,000	1.90	31,000	1.05
Pondera	22,000	2.30	50,700	15,000	2.67	7,000	1.53
Teton	67,000	2.36	158,000	37,500	2.98	29,500	1.56
Toole	11,500	1.65	19,000	3,500	2.83	8,000	1.14
N. CENTRAL	320,000	1.89	605,000	145,000	2.62	175,000	1.29
Daniels	12,000	1.38	16,600	2,000	2.65	10,000	1.13
Dawson	29,500	1.14	33,600	9,000	2.21	20,500	.67
Garfield	12,000	1.36	16,300	5,000	2.06	7,000	.86
McCone	14,000	1.58	22,100	5,500	3.05	8,500	.62
Richland	27,000	1.50	40,500	5,500	3.02	21,500	1.11
Roosevelt	27,500	1.41	38,750	6,500	2.42	21,000	1.10
Sheridan	25,500	1.00	25,400	1,500	1.87	24,000	.94
Valley	47,500	1.72	81,800	22,500	2.78	25,000	.77
N. EAST	195,000	1.41	275,000	57,500	2.61	137,500	.91
Broadwater	20,000	3.02	60,300	17,500	3.26	2,500	1.32
Cascade	70,500	1.79	126,300	20,500	2.98	50,000	1.31
Fergus	114,000	1.03	117,000	11,000	2.00	103,000	.92
Golden Valley	9,500	1.46	13,900	4,000	2.25	5,500	.89
Judith Basin	34,500	1.52	52,300	8,000	2.44	26,500	1.24
Lewis & Clark	53,000	2.26	120,000	39,000	2.57	14,000	1.42
Meagher	44,000	1.80	79,200	34,500	1.99	9,500	1.12
Musselshell	16,000	2.19	35,100	8,800	3.16	7,200	1.01
Petroleum	13,000	2.52	32,700	8,700	3.37	4,300	.79
Wheatland	30,500	1.58	48,200	20,500	1.74	10,000	1.25
CENTRAL	405,000	1.69	685,000	172,500	2.49	232,500	1.10
Beaverhead	176,000	1.71	300,600	174,000	1.71	2,000	1.25
Gallatin	77,600	2.86	221,700	61,100	3.18	16,500	1.65
Jefferson	30,500	1.62	49,300	24,600	1.71	5,900	1.24
Madison	99,500	2.18	217,300	94,500	2.22	5,000	1.46
Silver Bow	11,400	2.29	26,100	10,800	2.35	600	1.17
S. WEST	395,000	2.06	815,000	365,000	2.11	30,000	1.50
Big Horn	70,500	1.82	128,500	24,000	2.56	46,500	1.44
Carbon	54,000	2.26	122,300	35,500	2.79	18,500	1.25
Park	55,000	2.15	118,200	41,500	2.39	13,500	1.42
Stillwater	48,000	1.88	90,200	17,500	2.39	30,500	1.59
Sweet Grass	54,000	2.26	122,300	38,500	2.52	15,500	1.63
Treasure	16,500	2.16	35,700	8,000	3.10	8,500	1.28
Yellowstone	52,000	2.26	117,800	35,000	2.76	17,000	1.24
S. CENTRAL	350,000	2.10	735,000	200,000	2.60	150,000	1.43
Carter	40,000	.91	36,500	6,000	2.03	34,000	.71
Custer	35,000	2.11	73,800	18,000	3.14	17,000	1.01
Fallon	28,500	1.07	30,500	3,500	2.29	25,000	.90
Powder River	50,000	1.28	64,100	15,500	2.18	34,500	.88
Prairie	10,000	1.58	15,800	4,000	2.73	6,000	.82
Rosebud	30,500	2.40	73,200	17,000	3.62	13,500	.86
Wibaux	16,000	1.01	16,100	1,000	1.90	15,000	.95
S. EAST	210,000	1.48	310,000	65,000	2.85	145,000	.86
STATE	2,200,000	1.90	4,170,000	1,230,000	2.45	970,000	1.20

ALL HAY - 1981

Acreage, Yield and Production by Counties — Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL Acres Harvested	TOTAL Yield per Acre	TOTAL Production	IRRIGATED Acres Harvested	IRRIGATED Yield per Acre	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield per Acre
		Tons			Tons		Tons
Deer Lodge	15,000	2.20	33,000	14,700	2.22	300	1.00
Flathead	42,500	2.40	102,000	18,500	3.17	24,000	1.80
Granite	33,000	2.18	72,000	31,000	2.24	2,000	1.30
Lake	56,000	2.79	156,000	38,000	3.18	18,000	1.96
Lincoln	10,500	2.38	25,000	7,000	2.79	3,500	1.57
Mineral	2,700	2.59	7,000	1,600	2.94	1,100	2.09
Missoula	33,800	2.37	80,000	23,500	2.64	10,300	1.75
Powell	56,500	2.00	113,000	48,500	2.09	8,000	1.46
Ravalli	38,000	3.00	114,000	35,900	3.06	2,100	1.95
Sanders	37,000	2.59	96,000	21,300	3.12	15,700	1.88
N. WEST	325,000	2.46	798,000	240,000	2.69	85,000	1.79
Blaine	40,000	2.23	89,000	24,500	2.73	15,500	1.42
Choteau	52,000	1.67	87,000	20,000	2.05	32,000	1.44
Glacier	25,500	1.84	47,000	10,000	2.60	15,500	1.35
Hill	23,000	1.78	41,000	5,000	2.92	18,000	1.47
Liberty	8,500	1.47	12,500	1,500	2.00	7,000	1.36
Phillips	75,000	1.66	124,500	39,000	2.03	36,000	1.26
Pondera	21,000	2.50	52,500	14,000	2.82	7,000	1.86
Teton	63,000	2.54	160,000	48,000	2.94	15,000	1.27
Toole	12,000	1.79	21,500	3,000	2.97	9,000	1.40
N. CENTRAL	320,000	1.98	635,000	165,000	2.55	155,000	1.39
Daniels	19,000	1.42	27,000	2,500	2.96	16,500	1.19
Dawson	39,000	1.33	52,000	14,000	2.14	25,000	.88
Garfield	17,000	1.53	26,000	5,000	2.50	12,000	1.13
McCone	21,000	1.67	35,000	5,500	3.36	15,500	1.06
Richland	40,000	2.00	80,000	12,000	3.26	28,000	1.46
Roosevelt	38,000	1.53	58,000	6,500	2.31	31,500	1.37
Sheridan	31,000	1.16	36,000	1,500	2.33	29,500	1.10
Valley	50,000	2.32	116,000	33,000	2.85	17,000	1.29
N. EAST	255,000	1.69	430,000	80,000	2.75	175,000	1.20
Broadwater	16,500	3.64	60,000	15,500	3.77	1,000	1.60
Cascade	66,000	2.17	143,000	15,000	3.17	51,000	1.87
Fergus	120,000	1.70	204,000	17,000	2.18	103,000	1.62
Golden Valley	14,500	2.07	30,000	9,500	2.47	5,000	1.30
Judith Basin	31,000	1.58	49,000	5,000	2.00	26,000	1.50
Lewis & Clark	46,000	2.54	117,000	34,500	2.95	11,500	1.33
Meagher	45,000	1.78	80,000	38,000	1.84	7,000	1.43
Musselshell	23,000	2.48	57,000	12,000	3.04	11,000	1.86
Petroleum	19,000	2.26	43,000	8,500	3.35	10,500	1.38
Wheatland	24,000	1.75	42,000	15,000	2.12	9,000	1.13
CENTRAL	405,000	2.04	825,000	170,000	2.62	235,000	1.62
Beaverhead	144,000	2.00	288,000	141,000	2.02	3,000	1.00
Gallatin	70,000	3.07	215,000	57,500	3.43	12,500	1.44
Jefferson	28,000	2.00	56,000	25,500	2.10	2,500	1.00
Madison	105,000	2.56	269,000	99,000	2.62	6,000	1.67
Silver Bow	8,000	2.75	22,000	7,000	3.00	1,000	1.00
S. WEST	355,000	2.39	850,000	330,000	2.47	25,000	1.38
Big Horn	70,000	2.21	155,000	20,000	3.35	50,000	1.76
Carbon	58,000	2.48	144,000	36,000	3.08	22,000	1.50
Park	58,000	2.21	128,000	46,500	2.26	11,500	2.00
Stillwater	49,000	2.12	104,000	23,000	2.43	26,000	1.85
Sweet Grass	54,000	2.28	123,000	40,000	2.50	14,000	1.64
Treasure	18,000	2.22	40,000	7,500	3.33	10,500	1.43
Yellowstone	53,000	2.47	131,000	37,000	3.00	16,000	1.25
S. CENTRAL	360,000	2.29	825,000	210,000	2.74	150,000	1.67
Carter	60,000	1.27	76,000	5,500	2.00	54,500	1.19
Custer	50,000	1.50	75,000	9,000	3.22	41,000	1.12
Fallon	49,000	1.10	54,000	2,500	1.80	46,500	1.06
Powder River	61,000	1.43	87,500	9,000	2.50	52,000	1.25
Prairie	18,000	1.42	25,500	5,000	2.30	13,000	1.08
Rosebud	37,000	2.30	85,000	17,500	3.31	19,500	1.38
Wibaux	25,000	1.68	42,000	1,500	2.67	23,500	1.62
S. EAST	300,000	1.48	445,000	50,000	2.81	250,000	1.22
STATE	2,320,000	2.07	4,808,000	1,245,000	2/62	1,075,000	1.44

ALFALFA HAY - 1980

Acreage, Yield and Production by Counties - Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL Acres Harvested	TOTAL Yield per Acre	TOTAL Production	IRRIGATED Acres Harvested	IRRIGATED Yield per Acre	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield per Acre
		Tons			Tons		Tons
Deer Lodge.....	8,000	3.31	26,500	7,800	3.33	200	2.50
Flathead.....	23,000	3.06	70,300	11,500	3.91	11,500	2.20
Granite.....	10,000	2.46	24,600	9,500	2.48	500	2.00
Lake.....	41,500	3.21	133,400	26,000	3.46	15,500	2.80
Lincoln.....	6,200	2.89	17,900	4,500	3.20	1,700	2.06
Mineral.....	2,300	2.65	6,100	1,200	2.92	1,100	2.36
Missoula.....	13,000	3.02	39,200	10,000	3.25	3,000	2.23
Powell.....	19,500	2.30	44,900	14,000	2.50	5,500	1.80
Ravalli.....	17,500	3.87	67,700	16,500	3.97	1,000	2.20
Sanders.....	24,000	2.68	64,400	14,000	3.18	10,000	1.99
N. WEST	165,000	3.00	495,000	115,000	3.30	50,000	2.30
Blaine.....	27,500	2.73	75,000	20,500	3.22	7,000	1.29
Choteau.....	26,000	2.15	56,000	7,000	3.57	19,000	1.63
Glacier.....	17,500	1.77	31,000	5,000	2.80	12,500	1.36
Hill.....	8,500	2.65	22,500	4,500	3.89	4,000	1.25
Liberty.....	4,000	1.88	7,500	500	3.00	3,500	1.71
Phillips.....	25,000	2.20	55,000	15,500	2.58	9,500	1.58
Pondera.....	16,000	2.66	42,500	12,500	2.88	3,500	1.86
Teton.....	37,000	3.00	111,000	27,500	3.38	9,500	1.89
Toole.....	3,500	2.71	9,500	2,000	3.50	1,500	1.67
N. CENTRAL	165,000	2.48	410,000	95,000	3.16	70,000	1.57
Daniels.....	5,000	2.00	10,000	1,500	3.13	3,500	1.51
Dawson.....	8,500	2.20	18,700	4,000	3.25	4,500	1.27
Garfield.....	7,500	1.76	13,200	3,500	2.51	4,000	1.10
McCone.....	6,500	2.77	18,000	5,000	3.26	1,500	1.13
Richland.....	15,000	1.90	28,500	5,000	3.20	10,000	1.25
Roosevelt.....	17,500	1.87	32,700	5,000	2.80	12,500	1.50
Sheridan.....	7,500	1.17	8,800	1,000	2.20	6,500	1.02
Valley.....	27,500	2.55	70,100	20,000	3.00	7,500	1.35
N. EAST	95,000	2.11	200,000	45,000	3.00	50,000	1.30
Broadwater.....	13,500	3.64	49,100	13,000	3.73	500	1.20
Cascade.....	61,000	1.89	115,100	18,000	3.19	43,000	1.34
Fergus.....	80,000	1.06	85,000	9,500	2.00	70,500	.94
Golden Valley..	7,500	1.67	12,500	3,500	2.43	4,000	1.00
Judith Basin...	27,000	1.66	44,800	5,500	3.00	21,500	1.32
Lewis & Clark..	29,000	3.02	87,500	21,000	3.45	8,000	1.89
Meagher.....	12,000	2.33	28,000	10,500	2.44	1,500	1.60
Musselshell....	13,000	2.50	32,500	8,000	3.38	5,000	1.10
Petroleum.....	11,500	2.74	31,500	8,500	3.41	3,000	.83
Wheatland.....	15,500	1.87	29,000	10,000	2.10	5,500	1.45
CENTRAL	270,000	1.91	515,000	107,500	3.02	162,500	1.17
Beaverhead.....	37,000	3.16	117,000	36,500	3.18	500	1.90
Gallatin.....	46,100	3.59	165,700	37,000	3.98	9,000	2.02
Jefferson.....	10,500	2.35	24,700	9,600	2.40	900	1.89
Madison.....	44,000	2.70	119,000	42,000	2.74	2,000	2.00
Silver Bow.....	2,400	3.58	8,600	2,300	3.55	100	2.00
S. WEST	140,000	3.11	435,000	127,500	3.22	12,500	2.00
Big Horn.....	55,500	1.88	104,500	17,500	2.77	38,000	1.47
Carbon.....	36,000	2.44	88,000	20,500	3.32	15,500	1.29
Park.....	34,000	2.46	83,500	26,500	2.66	7,500	1.73
Stillwater.....	36,000	1.99	71,500	10,500	2.71	25,500	1.69
Sweet Grass....	30,500	2.52	77,000	18,500	3.03	12,000	1.75
Treasure.....	11,500	2.52	29,000	6,500	3.38	5,000	1.40
Yellowstone....	21,500	3.09	66,500	15,000	3.77	6,500	1.54
S. CENTRAL	225,000	2.31	520,000	115,000	3.04	110,000	1.55
Carter.....	21,500	1.07	22,900	4,000	2.30	17,500	.78
Custer.....	19,500	2.99	58,400	15,000	3.49	4,500	1.33
Fallon.....	20,500	1.06	21,800	2,500	2.52	18,000	.86
Powder River...	41,500	1.37	56,900	14,500	2.24	27,000	.90
Prairie.....	5,000	2.20	11,000	3,000	3.17	2,000	.75
Rosebud.....	25,000	2.66	66,600	15,500	3.81	9,500	.80
Wibaux.....	7,000	1.06	7,400	500	2.20	6,500	.97
S. EAST	140,000	1.75	245,000	55,000	3.09	85,000	.88
STATE	1,200,000	2.35	2,820,000	660,000	3.14	540,000	1.39

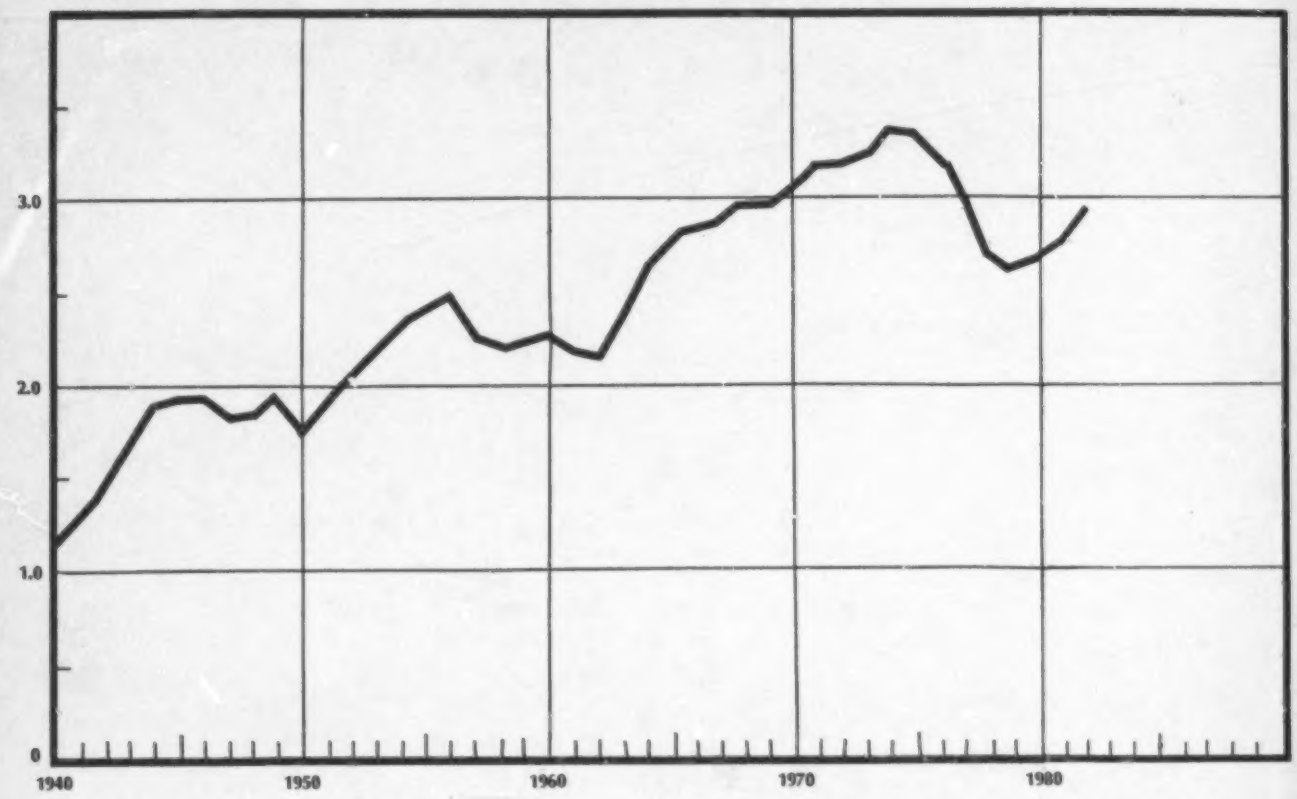
ALFALFA HAY - 1981

Acreage, Yield and Production by Counties -- Irrigated and Not Irrigated

COUNTY & DISTRICT	TOTAL Acres Harvested	TOTAL Yield per Acre	TOTAL Production	IRRIGATED Acres Harvested	IRRIGATED Yield per Acre	NOT IRRIGATED Acres Harvested	NOT IRRIGATED Yield per Acre
		Tons			Tons		Tons
Deer Lodge	8,000	3.13	25,000	7,800	3.18	200	1.00
Flathead	22,500	2.98	67,000	9,500	4.18	13,000	2.10
Granite	10,000	2.70	27,000	9,000	2.82	1,000	1.60
Lake	35,000	3.40	119,000	23,000	4.08	12,000	2.10
Lincoln	6,500	2.98	19,400	5,000	3.28	1,500	2.00
Mineral	2,000	2.80	5,600	1,000	3.40	1,000	2.20
Missoula	19,500	3.18	62,000	12,000	3.92	7,500	2.00
Powell	16,000	2.94	47,000	13,500	3.22	2,500	1.40
Ravalli	22,000	3.98	87,500	20,000	4.18	2,000	2.00
Sanders	23,500	3.00	70,500	14,200	3.70	9,300	1.94
N. WEST	165,000	3.21	530,000	115,000	3.74	50,000	2.00
Blaine	25,000	2.88	72,000	17,000	3.35	8,000	1.88
Choteau	25,000	2.28	57,000	10,000	2.80	15,000	1.93
Glacier	15,500	2.00	31,000	6,000	3.00	9,500	1.37
Hill	8,000	2.63	21,000	2,500	3.84	5,500	2.07
Liberty	2,500	2.20	5,500	500	3.00	2,000	2.00
Phillips	36,000	2.19	79,000	20,000	2.75	16,000	1.50
Pondera	16,000	2.81	45,000	11,500	3.04	4,500	2.22
Teton	38,000	3.26	124,000	31,500	3.56	6,500	1.85
Toole	4,000	2.63	10,500	1,000	3.90	3,000	2.20
N. CENTRAL	170,000	2.62	445,000	100,000	3.20	70,000	1.79
Daniels	7,500	2.33	17,500	1,500	3.93	6,000	1.93
Dawson	13,000	2.19	28,500	6,000	3.42	7,000	1.14
Garfield	7,500	1.87	14,000	4,000	2.75	3,500	.86
McCone	6,000	2.92	17,500	4,000	3.88	2,000	1.00
Richland	18,500	2.57	47,500	7,500	3.88	11,000	1.67
Roosevelt	17,500	2.06	36,000	3,000	3.33	14,500	1.79
Sheridan	9,000	1.89	17,000	1,000	3.00	8,000	1.75
Valley	31,000	2.81	87,000	23,000	3.26	8,000	1.50
N. EAST	110,000	2.41	265,000	50,000	3.40	60,000	1.58
Broadwater	13,000	4.23	55,000	12,500	4.32	500	2.00
Cascade	60,000	2.27	136,000	14,000	3.29	46,000	1.96
Fergus	100,000	1.81	180,500	16,000	2.22	84,000	1.73
Golden Valley	9,500	2.58	24,500	7,000	2.93	2,500	1.60
Judith Basin	25,500	1.73	44,000	3,000	2.67	22,500	1.60
Lewis & Clark	28,500	3.30	94,000	22,500	3.78	6,000	1.50
Meagher	13,000	2.50	32,500	10,500	2.71	2,500	1.60
Musselshell	13,000	2.96	38,500	9,000	3.39	4,000	2.00
Petroleum	12,500	2.96	37,000	8,000	3.50	4,500	2.00
Wheatland	15,000	2.20	33,000	7,500	3.20	7,500	1.20
CENTRAL	290,000	23.3	675,000	110,000	3.27	180,000	1.75
Beaverhead	41,500	3.78	157,000	41,000	3.82	500	1.00
Gallatin	41,000	3.78	155,000	35,500	4.10	5,500	1.73
Jefferson	10,000	3.30	33,000	9,500	3.39	500	1.60
Madison	49,500	3.11	154,000	46,500	3.19	3,000	1.87
Silver Bow	3,000	3.67	11,000	2,500	4.16	500	1.20
S. WEST	145,000	3.52	510,000	135,000	3.65	10,000	1.70
Big Horn	57,000	2.51	143,000	15,000	4.07	42,000	1.95
Carbon	42,000	2.81	118,000	25,000	3.64	17,000	1.59
Park	33,000	2.67	88,000	26,000	2.73	7,000	2.43
Stillwater	36,500	2.36	86,000	14,000	3.07	22,500	1.91
Sweet Grass	30,500	2.79	85,000	19,000	3.47	11,500	1.65
Treasure	13,000	2.62	34,000	6,000	3.75	7,000	1.64
Yellowstone	23,000	3.09	71,000	15,000	4.03	8,000	1.31
S. CENTRAL	235,000	2.66	625,000	120,000	3.46	115,000	1.83
Carter	39,000	1.46	57,000	3,500	2.29	35,500	1.38
Custer	25,000	2.20	55,000	7,000	3.57	18,000	1.67
Fallon	30,000	1.38	41,500	1,500	2.00	28,500	1.35
Powder River	48,000	1.46	70,000	8,000	2.50	40,000	1.25
Prairie	5,500	2.45	13,500	3,000	3.00	2,500	1.80
Rosebud	29,500	2.64	78,000	16,000	3.50	13,500	1.63
Wibaux	8,000	1.88	15,000	1,000	3.00	7,000	1.71
S. EAST	185,000	1.78	330,000	40,000	3.10	145,000	1.42
STATE	1,300,000	2.60	3,380,000	670,000	3.45	630,000	1.70

CATTLE and CALVES

January 1 Inventory, 1940-1982



NUMBER OF CATTLE FEEDLOTS

By Size of Feedlot Capacity, 1972 - 1981 [1/]

Year	Total Number of Feedlots	Feedlots by capacity				
		Under 1,000 Head	1,000-1,999	2,000-3,999	4,000-7,999	8,000 & over
			Number			
1972	389	317	36	17	14	5
1973	305	236	31	20	11	7
1974	276	211	26	21	12	6
1975	152	102	13	19	13	5
1976	119	70	15	16	13	5
1977	101	61	8	13	15	4
1978	119	75	13	13	16	2
1979	73	29	12	14	16	2
1980	74	29	12	14	15	4
1981	83	45	9	10	14	5

1/ Number or feedlots with 1,000 head or more capacity is number of lots operating anytime during year. Number of under 1,000 head capacity and total number of feedlots is number at end of year.

CATTLE AND CALVES

Number, Value Per Head and Total Value, January 1

Year	ALL CATTLE		
	Number	Farm Value	
		Per Head	Total
	1,000 Head	Dols.	1,000 Dols.
1972.....	3,165	230.00	727,950
1973.....	3,197	285.00	911,145
1974.....	3,380	340.00	1,149,200
1975.....	3,340	160.00	534,400
1976.....	3,150	205.00	645,750
1977.....	2,980	220.00	655,600
1978.....	2,680	240.00	643,200
1979.....	2,607	455.00	1,186,185
1980.....	2,645	510.00	1,348,950
1981.....	2,675	495.00	1,324,125
1982.....	2,900	395.00	1,145,500

Number by Classes, January 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER			TOTAL ALL CATTLE & CALVES
	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Steers 500# & over	Bulls 500# & over	Strs., Hfrs., Bulls under 500#	
					1,000 Head				
1974.....	1,746	29	355	10	108	216	106	811	3,380
1975.....	1,692	28	300	10	140	182	97	891	3,340
1976.....	1,614	26	274	10	101	165	95	865	3,150
1977.....	1,549	27	238	9	105	187	90	775	2,980
1978.....	1,409	27	217	8	94	145	86	694	2,680
1979.....	1,453	27	257	8	91	135	86	550	2,607
1980.....	1,427	28	275	11	111	127	87	579	2,645
1981.....	1,439	29	276	9	111	146	85	580	2,675
1982.....	1,604	29	302	12	107	183	90	573	2,900

Calf Crops and Disposition

Year	CALVES BORN	INSHIP-MENTS	MARKETINGS [1]		FARM SLAUGHTER [2]	DEATHS	
			Cattle	Calves	Cattle & Calves	Cattle	Calves
				1,000 Head			
1972.....	1,640	126	880	721	10	39	84
1973.....	1,730	144	763	757	9	42	120
1974.....	1,725	90	1,007	688	25	35	100
1975.....	1,680	80	1,069	645	16	40	180
1976.....	1,570	135	1,091	648	16	35	85
1977.....	1,530	115	1,154	698	16	34	100
1978.....	1,443	205	933	625	13	44	106
1979.....	1,490	167	802	652	10	46	109
1980.....	1,520	116	868	621	7	28	82
1981.....	1,580	109	779	575	10	30	70

1/ Excludes interfarm sales.
2/ Excludes animals custom slaughtered in commercial establishments for farmers.

Numbers by Classes, July 1

Year	COWS & HEIFERS THAT HAVE CALVED		HEIFERS 500 LBS. & OVER			OTHER			
	Beef Cows	Milk Cows	Beef Cow Replace-ments	Milk Cow Replace-ments	Other	Steers 500# & over	Bulls 500# & over	Strs., Hfrs., Bulls under 500#	TOTAL ALL CATTLE & CALVES
	1,000 Head								
1975.....	1,694	28	294	12	163	360	101	1,548	4,200
1976.....	1,674	26	284	13	192	385	92	1,514	4,180
1977.....	1,579	27	261	12	164	316	94	1,447	3,900
1978.....	1,508	27	247	12	130	254	83	1,369	3,630
1979.....	1,553	27	307	11	100	259	85	1,408	3,750
1980.....	1,542	28	261	8	88	230	85	1,433	3,675
1981.....	1,696	29	300	9	100	204	88	1,569	3,995
1982.....	Series discontinued.								

Production and Income from Cattle and Calves

Year	Production 1/	Marketing 2/	Price Per 100 Lbs.		Cash Receipts 3/	Value Of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars			1,000 Dollars	
1972.....	1,103,350	1,125,763	34.80	48.00	431,156	6,556	437,712
1973.....	1,053,950	969,346	45.80	58.30	482,156	9,047	491,203
1974.....	1,035,930	1,133,651	30.80	30.40	348,072	12,358	360,430
1975.....	963,050	1,140,660	29.50	30.80	339,916	7,613	347,529
1976.....	967,940	1,153,200	31.20	36.30	373,307	6,861	380,168
1977.....	880,635	1,169,350	33.70	41.40	412,820	7,464	420,284
1978.....	941,570	1,051,010	51.50	70.30	582,260	10,105	592,365
1979.....	882,185	966,380	67.10	89.80	700,097	11,492	711,589
1980.....	995,375	1,034,130	58.00	76.80	640,507	8,479	648,986
1981.....	1,096,755	933,340	51.90	62.70	506,095	9,056	515,151

1/ Adjustments made for inshipments and changes in inventory.
2/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. Includes receipts from marketings and from sales of farm slaughtered meat.

MILK COWS, MILK PRODUCTION AND MILKFAT

Year	Milk Cows on Farms 1/	Production Per Cow		Milkfat	TOTAL PRODUCTION 2/	
		Milk	Milkfat		Milk	Milkfat
	1,000 Head	Pounds		Percent	Mil. Lbs.	
1972.....	33	10,121	370	3.66	334	12
1973.....	30	10,400	376	3.62	312	11
1974.....	28	10,500	381	3.63	294	11
1975.....	27	10,296	375	3.64	278	10
1976.....	26	10,577	380	3.59	275	10
1977.....	27	10,963	396	3.61	296	11
1978.....	27	11,333	407	3.59	306	11
1979.....	27	10,630	381	3.58	287	10
1980.....	29	10,828	383	3.54	314	11
1981.....	29	11,414	403	3.53	331	12

1/ Average number of farms during year, excluding heifers not yet fresh.
2/ Excludes milk sucked by calves.

MILK AND CREAM MARKETED

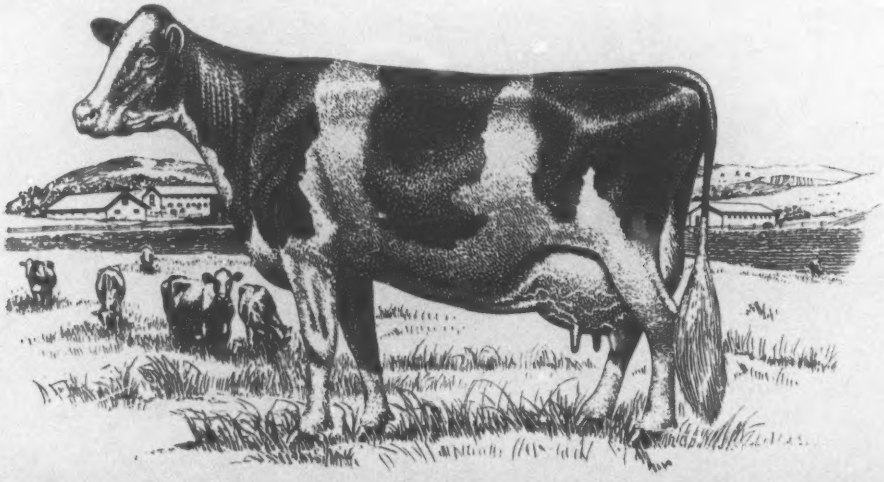
Quantity, Price and Cash Receipts

Year	Milk Sold to Plants and Dealers			Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Price Per 100 Lbs.	Cash Receipts	Quantity Milkfat	Price Per Lb. Fat	Cash Receipts	Quantity	Price Per Quart	Cash Receipts
	Mil. Lbs.	Dols.	1,000 Dols.	1,000 Lbs.	Cents	1,000 Dols.	1,000 Qts.	Cents	1,000 Dols.
1972.....	278	5.93	16,485	967	.64	619	2,326	31.0	721
1973.....	257	6.95	17,862	959	.64	614	2,326	28.0	651
1974.....	252	8.55	21,546	554	.68	377	1,860	34.0	632
1975.....	239	8.90	21,271	481	.71	342	1,860	34.0	632
1976.....	242	9.45	22,869	365	.81	296	1,395	35.0	488
1977.....	266	9.95	26,467	330	.88	290	930	36.0	335
1978.....	274	10.70	29,318	329	.91	299	1,395	40.0	558
1979.....	259	11.90	30,821	176	1.00	176	1,395	44.0	614
1980.....	295	12.80	37,760	Series discontinued			1,395	47.0	656
1981.....	309	13.40	41,406	Series discontinued			1,395	50.0	698

Income and Value of Dairy Products Marketed

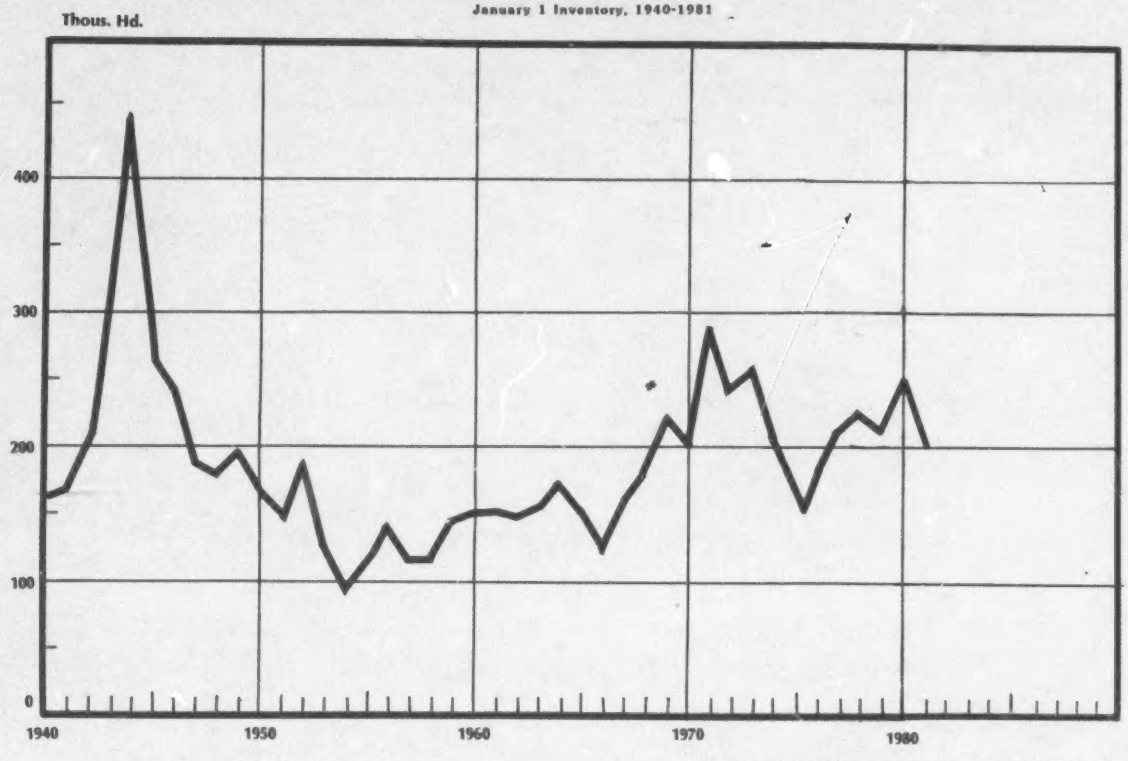
Year	Combined Marketing of Milk and Cream				Used for Milk, Cream and Butter on Farms Where Produced		Gross Farm Income from Dairy Products 3/	Farm Value of Milk Produced 4/
	Milk Utilized	Average Returns 1/ Per 100 Pounds Milk	Per Pound Milkfat	Cash receipts from Marketings	Milk Utilized	Value 2/		
	Mil. Lbs.	Dollars		1,000 Dols	Mil. Lbs	1,000 Dols	1,000 Dols.	
1972.....	309	5.77	1.58	17,825	19	1,096	18,921	19,772
1973.....	288	6.64	1.83	19,127	16	1,062	20,189	20,717
1974.....	271	8.32	2.29	22,555	15	1,248	23,803	24,461
1975.....	256	8.69	2.39	22,245	14	1,217	23,462	24,158
1976.....	255	9.28	2.58	23,653	13	1,206	24,859	25,520
1977.....	277	9.78	2.71	27,092	12	1,174	28,266	28,949
1978.....	286	10.35	2.94	30,175	12	1,266	31,441	32,283
1979.....	267	11.84	3.31	31,611	12	1,421	33,032	33,981
1980.....	298	12.89	3.64	38,416	9	1,160	39,576	40,475
1981.....	312	13.49	3.82	42,104	10	1,349	43,453	44,652

1/ Cash receipts divided by milk or milkfat represented in combined marketings.
2/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.
4/ Includes value of milk fed to calves.



HOGS and PIGS

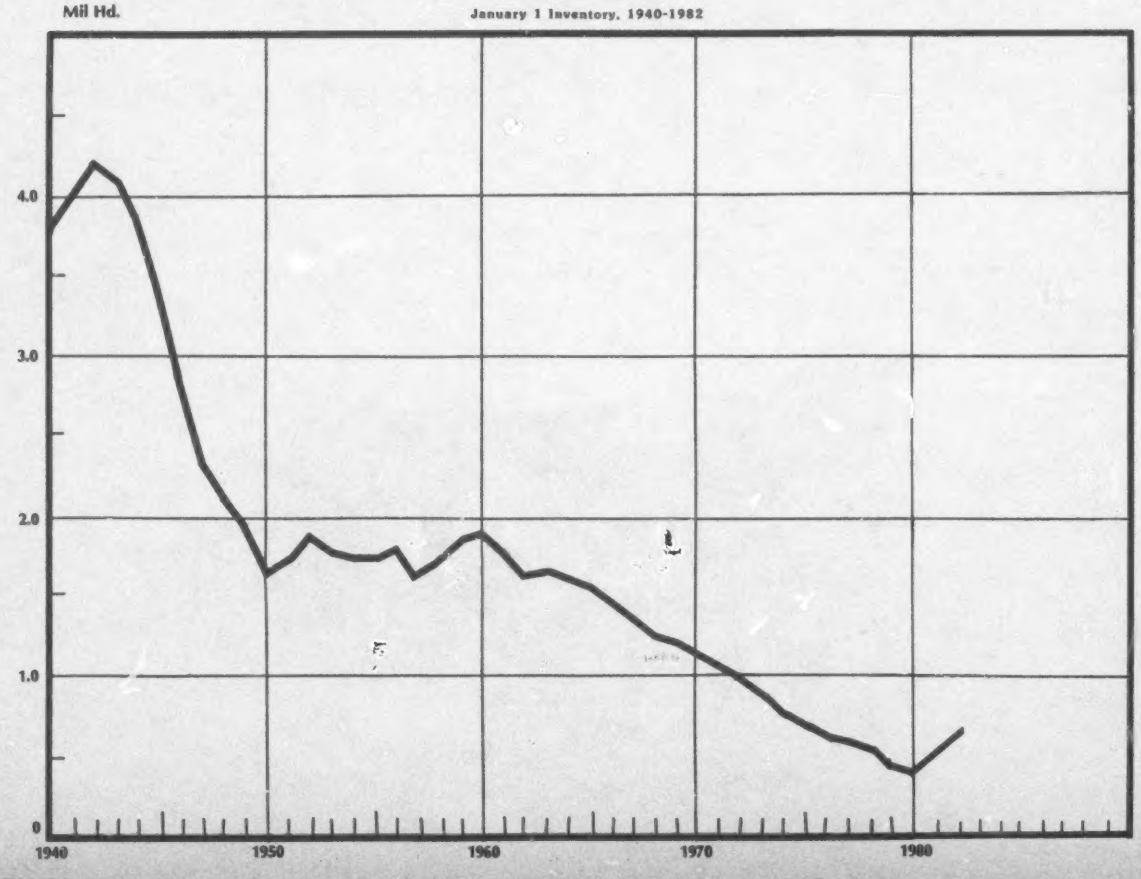
January 1 Inventory, 1940-1981



* Data for 1968 and subsequently relate to December 1.

SHEEP and LAMBS

January 1 Inventory, 1940-1982



SHEEP, LAMBS AND WOOL

Number, Value Per Head and Classes, January 1

Year	ALL SHEEP & LAMBS					STOCK SHEEP ONE YEAR AND OVER		LAMBS	
	Number	Farm Value Per Head	Farm Value Total	Sheep on Feed	Stock Sheep	Ewes	Weathers & Rams	Ewes	Weathers & Rams
	1,000	Dols.	1,000	1,000 Head		1,000 Head		1,000 Head	
1973.....	880	28.50	25,080	120	760	598	19	132	11
1974.....	750	34.00	25,500	84	666	524	17	107	18
1975.....	675	29.50	19,913	90	585	462	20	82	21
1976.....	595	40.50	24,098	75	520	416	15	72	17
1977.....	570	45.50	25,935	80	490	371	12	94	13
1978.....	552	57.00	31,526	60	492	372	14	92	14
1979.....	540	89.50	48,300	20	520	380	13	116	11
1980.....	574	91.50	52,521	14	560	400	13	136	11
1981.....	595	69.50	41,353	15	580	420	15	130	15
1982.....	616	55.00	33,880	16	600	455	15	117	13

Wool Production and Value

Year	Sheep Shorn	Per Fleece	Total	Price Per Lbs.	Value
		Lbs	1,000	Cts.	1,000
1973.....	706	9.9	6,983	106	7,402
1974.....	623	10.1	6,309	68	4,290
1975.....	551	9.6	5,280	51	2,693
1976.....	493	9.6	4,749	73	3,467
1977.....	460	9.7	4,442	75	3,332
1978.....	440	10.0	4,379	81	3,547
1979.....	441	9.8	4,307	94	4,049
1980.....	539	9.9	5,358	99	5,304
1981.....	560	10.1	5,670	102	5,783

Lamb Crop and Disposition

Year	LAMBS Saved	INSHIPMENTS. Sheep & Lambs	MARKETINGS [1] Sheep	MARKETINGS [1] Lambs	SLAUGHTER [2] Sheep & Lambs	DEATHS Sheep	DEATHS Lambs
			1,000 Head				
1972...	711	30	186	458	4	96	117
1973...	604	28	140	406	4	85	127
1974...	550	29	111	339	4	80	118
1975...	471	30	98	264	4	75	140
1976...	420	40	72	239	4	70	100
1977...	375	18	59	211	3	65	96
1978...	349	41	84	208	3	60	90
1979...	340	33	72	129	3	60	90
1980...	390	25	87	184	2	62	59
1981...	420	25	73	233	3	60	55

1/ Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced.
2/ Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Sheep and Lambs

Year	Production [3]	Marketings [4]	Price per 100 Lbs. Sheep	Price per 100 Lbs. Lambs	Cash Receipts [5]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars			1,000 Dollars	
1972.....	45,031	66,266	6.10	27.90	13,217	118	13,335
1973.....	38,153	35,553	11.80	34.00	14,568	156	14,724
1974.....	35,019	45,895	11.80	34.40	12,301	158	12,459
1975.....	25,425	37,338	8.70	40.10	10,695	178	10,873
1976.....	24,428	31,447	9.90	43.80	10,381	208	10,589
1977.....	22,116	27,417	11.50	50.70	10,749	147	10,896
1978.....	21,756	31,432	18.20	67.10	15,340	231	15,571
1979.....	22,961	22,211	24.40	68.20	10,753	247	11,000
1980.....	29,124	28,564	17.70	61.70	12,307	158	12,465
1981.....	36,494	35,311	17.40	47.20	13,469	185	13,654

3/ Adjustments made for inshipments and changes in inventory.
4/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
5/ Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS AND PIGS

Number, Value Per Head and Total Value, December 1

Year	NUMBER, VALUE PER HEAD AND TOTAL VALUE			NUMBER BY CLASSES	
	Number	Farm Value Per Head	Farm Value Total	Breeding	Marketing
	1,000 Head	Dols.	1,000 Head	1,000 Head	
1972	245	38.50	9,433	36	209
1973	262	53.50	14,017	32	230
1974	204	45.00	9,180	28	176
1975	165	70.50	11,633	27	138
1976	186	45.00	8,370	28	158
1977	211	57.00	12,027	30	181
1978	222	72.00	15,984	29	193
1979	209	53.50	11,182	28	181
1980	250	63.50	15,875	31	219
1981	200	60.50	12,100	24	176

Pig Crops and Disposition

Year	PIG CROPS		In-Shipments	Marketings[1/]	Farm Slaughter[2/]	Deaths
	Spring	Fall				
	1,000 Head					
1972	168	180	15	373	10	20
1973	165	192	20	331	10	19
1974	143	158	64	391	13	19
1975	111	122	37	286	11	12
1976	126	117	71	270	8	15
1977	143	144	42	285	8	11
1978	173	158	50	336	12	22
1979	155	153	4	299	5	21
1980	185	185	7	302	10	24
1981	180	154	6	362	8	20

Production and Income from Hogs and Pigs

Year	Production[3/]	Marketings[4/]	Price Per 100 Pounds	Cash Receipts[5/]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars	1,000 Dollars	
1972	86,884	85,335	23.40	19,968	1,376	21,344
1973	82,918	77,972	36.70	28,616	2,158	30,774
1974	84,665	87,539	32.80	28,713	2,089	30,802
1975	61,735	63,759	44.50	28,373	2,099	30,472
1976	63,354	60,160	42.80	25,748	1,678	27,426
1977	67,741	64,198	37.50	24,074	1,250	25,324
1978	78,602	76,672	44.80	34,349	1,581	35,930
1979	71,756	70,820	39.50	27,974	835	28,809
1980	76,685	70,850	37.20	26,433	1,136	27,569
1981	82,039	84,585	41.40	35,090	1,167	36,257

1/ Includes animals custom slaughtered in commercial establishments for use on farms where produced.
2/ Excludes animals custom slaughtered in commercial establishments for farmers.
3/ Adjustments made for inshipments and changes in inventory.
4/ Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.
5/ Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number, Value Per Bird and Total Value, December 1

Year	Numbers	Farm Value	
		Per Bird	Total
	1,000	Dollars	1,000 Dols.
1973	1,190	1.80	2,142
1974	1,025	1.70	1,743
1975	1,020	1.70	1,734
1976	1,005	1.90	1,910
1977	1,015	1.95	1,979
1978	930	1.85	1,721
1979	890	2.25	2,003
1980	965	2.45	2,364
1981	940	2.10	1,974

Production and Income from Chickens

Year	Produced	Sold	Price Per Pound	Cash Receipts	Gross Income
	1,000 Pounds			1,000 Dollars	
1972	3,863	3,216	6.0	193	236
1973	4,072	3,200	10.5	336	412
1974	3,710	3,620	7.0	253	303
1975	4,036	3,320	5.5	183	222
1976	3,399	2,920	8.0	234	288
1977	2,761	2,060	8.0	165	218
1978	2,607	2,180	7.0	153	198
1979	1,444	1,180	7.0	83	126
1980	2,450	1,460	8.0	117	159
1981	3,362	2,900	6.0	174	204

Farm Production, Disposition and Income from Eggs

Year [2/]	Layers [1/]	Per Layer	Egg Production	Consumed in Household	Sold	Per Dozen	Cash Receipts	Gross Income
	1,000	Number	Millions			Cents	1,000 Dollars	
1972	942	230	217	10	207	36.8	6,348	6,655
1973	933	230	215	9	206	57.8	9,922	10,356
1974	884	230	203	8	195	58.5	9,506	9,896
1975	844	236	199	8	191	55.4	8,818	9,187
1976	794	233	185	8	177	59.0	8,703	9,096
1977	770	232	179	8	171	57.0	8,123	8,503
1978	797	242	193	8	185	54.3	8,371	8,733
1979	754	236	178	7	165	62.5	8,594	8,959
1980	727	234	170	5	165	57.5	7,906	8,146
1981	778	224	174	4	170	62.0	8,783	8,990

1/ Average number of layers on hand during the year.
2/ Data related to the 12 month period beginning with December 1, of the previous year through November of the current year.

HONEY AND BEESWAX

Production, Price and Value

Year	Colonies of Bees	Honey Yield per Colony	Production		Price Per Pound		Value of Production	
			Honey	Beeswax	Honey	Beeswax	Honey	Beeswax
	Number	Pounds	1,000 Pounds		Cents		1,000 Dollars	
1972	74,000	110	8,140	163	30.4	67.0	2,475	109
1973	78,000	101	7,878	158	41.4	73.0	3,261	115
1974	81,000	88	7,128	114	50.1	125.0	3,571	143
1975	80,000	94	7,520	135	47.3	112.0	3,557	151
1976	85,000	112	9,520	162	46.9	108.0	4,465	175
1977	96,000	57	5,472	104	53.9	172.0	2,949	179
1978	99,000	89	8,811	159	53.8	178.0	4,740	283
1979	103,000	128	13,184	224	57.7	164.0	7,607	367
1980	103,000	104	10,712	214	56.0	190.0	5,999	407
1981	108,000	100	10,800	184	57.0	198.0	6,156	364

COMMERCIAL LIVESTOCK SLAUGHTER

Number of Head by Classes, by Years, 1972 - 1981

Year	Cattle and Calves	Hogs and Pigs	Sheep and Lambs
	1,000 Head	1,000 Head	1,000 Head
1972	210.2	354.7	2.4
1973	188.6	350.6	2.7
1974	185.5	572.0	2.3
1975	153.1	308.0	2.6
1976	155.8	457.2	2.4
1977	172.0	478.3	2.1
1978	158.5	343.0	2.0
1979	151.1	461.8	2.3
1980	156.2	526.5	2.9
1981	134.4	526.3	3.6

Total Red Meat Production 1/
by Months, 1972-1981

Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
	Millions of Pounds												
1972	15	15	17	13	14	16	14	16	14	16	16	13	180
1973	15	11	14	11	13	12	15	16	12	15	17	15	168
1974	18	14	15	15	17	17	19	17	15	16	15	14	193
1975	14	12	9	11	10	12	12	11	8	8	12	14	134
1976	13	9	11	11	10	12	13	13	15	16	16	16	155
1977	16	13	16	14	13	14	13	14	14	15	14	13	169
1978	13	12	11	10	12	12	12	14	13	13	13	11	146
1979	12	10	11	10	12	13	14	16	15	18	17	14	162
1980	16	15	13	15	16	15	15	15	15	17	15	16	183
1981	14	13	14	14	14	14	13	11	15	16	16	15	169

Number of Head Slaughtered by Months and Classes

Month	Cattle and Calves			Hogs and Pigs			Sheep and Lambs		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 Head			1,000 Head			1,000 Head		
January	14.2	14.9	12.2	25.9	44.4	42.4	.1	.2	.3
February	10.6	12.2	10.6	23.4	41.0	38.5	.1	.1	.2
March	11.1	10.0	9.4	30.0	42.2	45.6	.1	.1	.2
April	9.3	10.7	10.4	31.0	51.7	46.0	.1	.1	.2
May	11.0	11.9	10.9	34.0	49.0	42.3	.1	.1	.2
June	11.5	12.5	11.8	36.6	44.3	42.7	.2	.2	.2
July	12.7	13.5	11.3	39.7	41.8	38.1	.2	.3	.3
August	13.8	13.9	8.2	52.1	40.3	35.3	.5	.6	.6
September	11.7	13.0	10.8	46.4	42.4	47.3	.3	.4	.6
October	14.9	14.9	11.5	56.0	46.0	54.0	.3	.4	.4
November	15.6	13.7	13.1	51.6	39.1	48.3	.2	.2	.3
December	14.5	15.0	14.2	35.2	44.1	45.7	.1	.3	.3
Total 2/	151.1	156.2	134.4	461.8	526.5	526.3	2.3	2.9	3.6

Includes slaughter in Federally inspected and other slaughter plants but excludes animals slaughtered on farms.
2/ May not add because of rounding.

DAIRY PRODUCTS MANUFACTURED

Year	Creamery Butter	Cheese: American Cheddar	Cheese: Cottage Cheese Creamed	Ice Cream	Ice Milk 1/	Sherbet	"Mellorine Type" Frozen Desserts
	1,000 Pounds			1,000 Gallons			
1972	3,185	3,885	5,091	2,027	1,058	106	591
1973	2,647	3,480	4,498	1,966	1,046	111	499
1974	2,249	3,489	3,246	2,262	1,064	126	491
1975	2,100	1,933	3,214	2,221	1,200	125	316
1976	1,919	1,844	3,505	1,684	1,156	103	161
1977	2,019	2,467	3,651	1,575	1,331	83	90
1978	1,947	2,675	3,895	1,731	1,496	86	80
1979	1,796	1,574	4,952	1,794	1,300	81	58
1980	1,938	2/	5,200	1,963	1,063	82	2/
1981	2,082	2/	5,635	1,908	963	71	2/

1/ Includes low fat ice cream.
2/ Not published to avoid disclosing individual plant operations.

CATTLE AND CALVES ON FEED - 1973 - 1982

Number, Weight Groups and Classes

Year and Month	Total Cattle & Calves on Feed	Number on Feed by Weight Groups					Number on Feed By Classes		
		Under 500 Lbs.	500-699 Lbs.	700-899 Lbs.	900-1099 Lbs.	1100 Lbs. & Over	Steer & Steer Calves	Heifers & Heifer Calves	Cows & Other
	Thousand Head								
January 1									
1973	160	21	68	38	27	6	109	49	2
1974	122	10	28	34	42	8	82	34	6
1975	79	10	17	25	22	5	39	36	4
1976	80	5	22	23	28	2	40	39	1
1977	83	--	25	26	26	6	51	31	1
1978	81	6	34	20	17	4	40	38	3
1979	80	2	34	27	16	1	38	41	1
1980	57	4	21	20	7	5	25	27	5
1981	64	4	28	15	13	4	34	27	3
1982	53	1	21	13	14	4	29	21	3
April 1									
1973	140	7	49	52	26	6	94	45	1
1974	114	--	30	42	25	17	79	33	2
1975	62	--	18	27	13	4	32	29	1
1976	63	--	22	29	10	2	30	32	1
1977	75	--	23	31	18	3	35	38	2
1978	60	1	26	23	8	2	24	35	1
1979	58	--	21	21	14	2	28	29	1
1980	49	--	18	17	13	1	23	25	1
1981	39	1	8	23	6	1	22	17	-
July 1									
1973	122	2	14	46	44	16	80	40	2
1974	102	--	11	39	46	6	62	39	1
1975	60	--	6	28	23	3	26	33	1
1976	52	--	10	22	19	1	22	29	1
1977	62	--	5	28	26	3	28	33	1
1978	52	--	5	29	17	1	22	29	1
1979	48	--	2	22	22	2	23	24	1
1980	49	2	2	23	20	2	29	19	1
1981	40	--	7	20	12	1	21	19	-
October 1									
1973	83	6	16	20	28	13	61	21	1
1974	65	2	2	18	29	14	43	21	2
1975	44	--	6	17	19	2	20	23	1
1976	42	--	7	14	18	2	22	19	1
1977	40	1	9	18	10	2	16	23	1
1978	30	--	2	9	17	2	11	18	1
1979	32	--	1	7	22	2	14	17	1
1980	39	--	4	16	18	1	17	22	-
1981	30	--	2	14	11	3	15	15	-

Number Marketed and Placements by Quarters

Year	Marketed for Slaughter[1/]					Placed on Feed				
	Jan. 1-March 31	April 1-June 30	July 1-Sept. 30	Oct. 1-Dec.31	Total	Jan.1-March 31	April 1-June 30	July 1-Sept.30	Oct.1-Dec.31	Total
	Thousand Head									
1973	54	55	69	37	215	34	37	30	76	177
1974	34	54	50	49	187	35	50	19	66	170
1975	40	33	35	24	132	28	35	20	61	144
1976	24	26	33	21	104	31	18	23	63	135
1977	35	38	45	16	134	28	27	25	59	139
1978	43	20	36	19	118	36	15	16	72	139
1979	21	15	36	22	94	14	15	11	52	92
1980	18	19	23	23	83	17	21	16	55	109
1981	25	15	25	15	80	18	27	16	42	103

1/ Includes cattle placed on feed and marketed during the same quarter.

LIVESTOCK

Inventory by Counties - January 1, 1980 - 1981

COUNTY & DISTRICT	All Cattle and Calves		Milk Cows and Heifers that have calved	
	1980	1981	1980	1981
	Number of Head		Number of Head	
Deer Lodge	9,700	10,200	--	--
Flathead	19,500	19,400	1,800	1,900
Granite	30,700	33,700	--	--
Lake	57,000	56,800	3,300	3,500
Lincoln	6,200	6,000	100	100
Mineral	1,000	1,100	--	--
Missoula	9,000	9,500	200	500
Powell	49,600	52,400	200	100
Ravalli	42,300	41,400	3,500	3,300
Sanders	24,000	23,500	100	100
N. WEST	249,000	254,000	9,200	9,500
Blaine	81,600	84,100	400	400
Chouteau	55,000	54,600	100	100
Glacier	29,900	31,100	--	--
Hill	25,900	25,800	500	500
Liberty	12,700	12,200	700	700
Phillips	84,800	87,300	100	100
Pondera	25,800	26,100	500	600
Teton	50,200	52,800	800	700
Toole	18,100	19,000	100	300
N. CENTRAL	384,000	393,000	3,200	3,400
Daniels	21,300	19,500	--	--
Dawson	41,400	40,900	400	400
Garfield	60,800	60,800	100	100
McCone	38,300	41,000	--	--
Richland	45,100	42,000	200	200
Roosevelt	28,800	27,100	100	100
Sheridan	24,100	22,300	--	100
Valley	73,200	67,400	100	100
N. EAST	333,000	321,000	900	1,000
Broadwater	25,000	25,800	100	100
Cascade	61,100	62,500	1,000	1,200
Fergus	120,500	123,600	600	600
Golden Valley	25,300	28,600	200	200
Judith Basin	61,200	62,600	200	200
Lewis & Clark	38,200	39,100	400	500
Meagher	58,100	63,000	100	100
Musselshell	35,500	38,900	100	100
Petroleum	32,400	32,100	--	--
Wheatland	37,700	37,800	300	300
CENTRAL	495,000	514,000	3,000	3,300
Beaverhead	171,500	175,000	100	100
Gallatin	58,000	64,000	5,700	5,800
Jefferson	22,700	25,400	500	700
Madison	95,300	107,600	300	300
Silver Bow	4,500	5,000	200	--
S. WEST	352,000	377,000	6,800	6,900
Big Horn	102,700	109,700	100	100
Carbon	56,100	59,900	600	600
Park	51,200	52,200	400	400
Stillwater	47,900	47,800	300	300
Sweet Grass	46,800	50,700	100	100
Treasure	24,100	26,000	100	100
Yellowstone	86,200	84,700	2,300	2,300
S. CENTRAL	415,000	431,000	3,900	3,900
Carter	64,100	55,000	100	100
Custer	78,400	71,100	300	300
Fallon	45,400	42,400	100	100
Powder River	83,300	75,800	100	100
Prairie	37,900	40,200	100	100
Rosebud	84,400	78,300	200	100
Wibaux	23,500	22,200	100	200
S. EAST	417,000	385,000	1,000	1,000
STATE	2,645,000	2,675,000	28,000	29,000

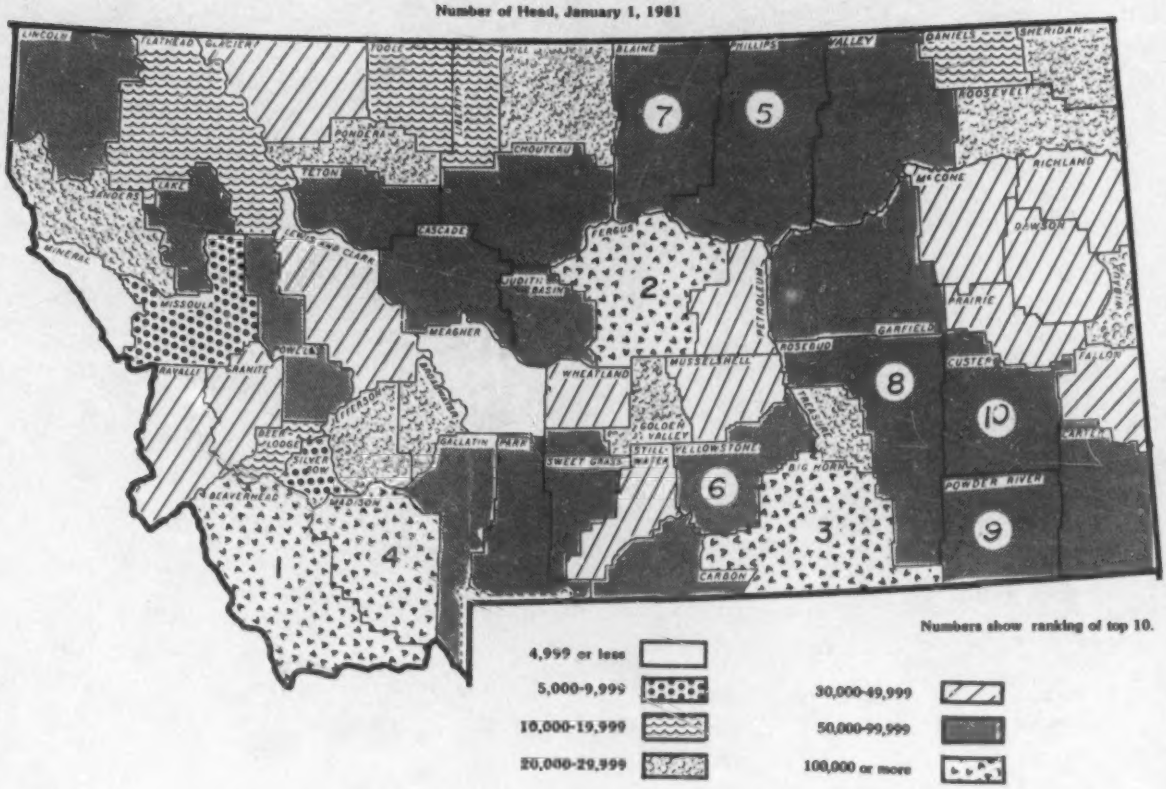
LIVESTOCK

Inventory by Counties, January 1, 1980 - 1981

COUNTY & DISTRICT	Beef Cows and Heifers that have Calved		Stock Sheep and Lambs	
	1980	1981	1980	1981
	Number of Head		Number of Head	
Deer Lodge	4,200	4,700	200	200
Flathead	9,000	10,000	1,000	1,400
Granite	16,900	18,400	1,100	1,500
Lake	31,300	29,900	6,800	5,900
Lincoln	3,400	3,600	200	300
Mineral	500	500	300	400
Missoula	4,500	5,100	200	400
Powell	28,600	30,800	1,400	1,800
Ravalli	20,500	20,300	7,900	7,900
Sanders	13,100	13,000	900	1,200
N. WEST	132,000	136,300	20,000	21,000
Blaine	47,300	46,800	8,300	9,400
Chouteau	30,000	31,500	2,100	2,600
Glacier	17,600	19,900	1,100	1,900
Hill	15,200	15,000	1,600	1,200
Liberty	6,600	7,000	100	100
Phillips	47,900	47,400	15,700	14,100
Pondera	15,500	16,300	5,500	5,700
Teton	29,000	30,400	8,200	9,300
Toole	11,200	11,500	2,200	3,000
N. CENTRAL	220,300	225,800	44,800	47,300
Daniels	14,100	13,000	2,900	2,200
Dawson	24,200	25,200	4,700	4,600
Garfield	33,100	33,000	63,400	68,300
McCone	23,800	23,500	24,800	24,500
Richland	25,300	25,700	8,200	7,300
Roosevelt	16,900	16,400	4,700	6,200
Sheridan	15,900	14,700	1,800	2,300
Valley	41,600	39,000	5,400	5,000
N. EAST	194,900	190,500	115,900	120,400
Broadwater	14,900	15,500	5,600	5,500
Cascade	35,600	34,900	9,200	10,400
Fergus	71,700	70,700	15,100	18,700
Golden Valley	13,700	15,900	6,500	8,100
Judith Basin	35,400	36,200	7,000	8,400
Lewis & Clark	21,000	20,500	11,400	11,500
Meagher	29,800	31,500	8,200	8,200
Musselshell	18,300	18,700	13,300	12,900
Petroleum	16,200	15,800	9,200	8,200
Wheatland	19,800	19,700	20,800	21,400
CENTRAL	276,400	279,400	106,300	113,300
Beaverhead	89,600	84,700	30,900	29,600
Gallatin	24,200	29,600	7,700	8,300
Jefferson	13,900	14,800	800	900
Madison	50,800	52,200	17,700	19,400
Silver Bow	2,200	2,900	100	100
S. WEST	180,700	184,200	57,200	58,300
Big Horn	52,000	53,900	4,100	4,800
Carbon	26,600	28,200	22,000	17,500
Park	29,200	29,200	4,400	4,200
Stillwater	27,700	28,000	12,500	13,400
Sweet Grass	27,100	28,600	22,700	23,300
Treasure	12,600	14,100	200	300
Yellowstone	31,000	30,100	4,900	5,300
S. CENTRAL	206,200	212,100	70,800	68,800
Carter	36,500	30,800	95,300	97,000
Custer	38,700	36,100	6,500	6,500
Fallon	28,200	26,900	6,500	5,500
Powder River	41,800	40,700	17,000	20,200
Prairie	21,300	22,200	4,400	5,600
Rosebud	36,800	41,400	12,600	13,000
Wibaux	13,200	12,600	2,700	3,100
S. EAST	216,500	210,700	145,000	150,900
STATE	1,427,000	1,439,000	560,000	580,000

CATTLE and CALVES

Number of Head, January 1, 1981



Numbers show ranking of top 10.

4,999 or less	
5,000-9,999	
10,000-19,999	
20,000-29,999	
30,000-49,999	
50,000-99,999	
100,000 or more	

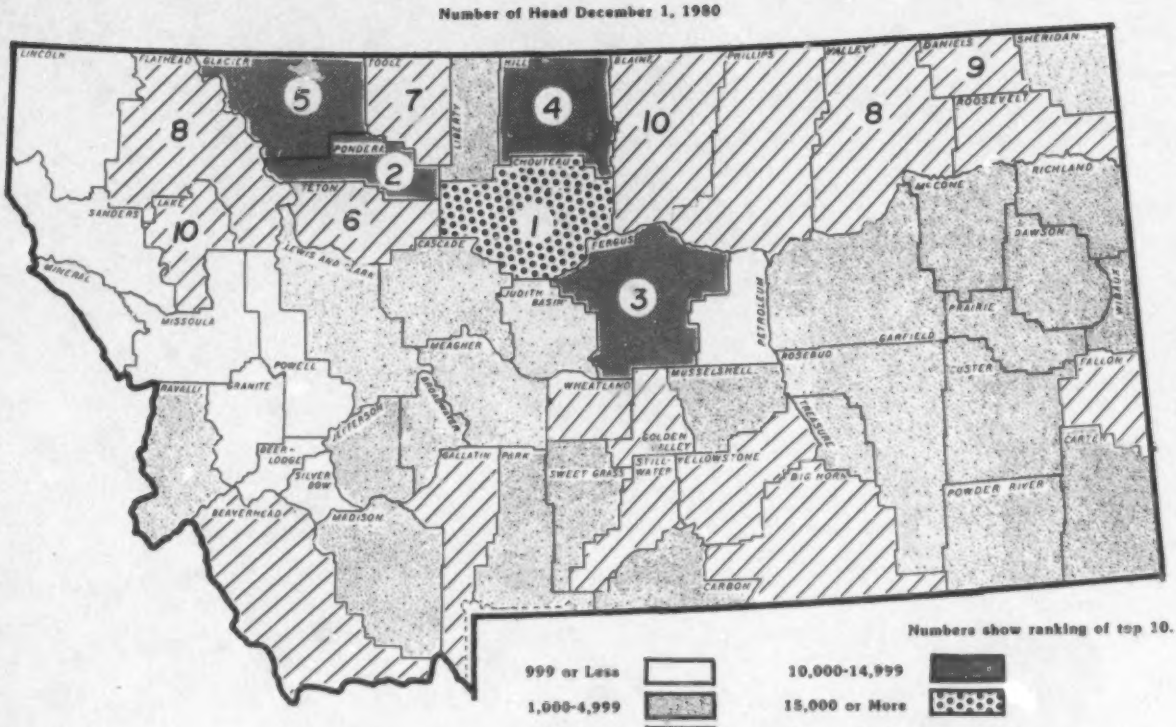
CATTLE and CALVES: PERCENT OF OPERATIONS and INVENTORY BY SIZE GROUPS, MONTANA 1978 - 1981

YEAR	1-49 Head		50-99 Head		100-499 Head		500 Head & Over	
	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
	Percent							
1978.....	44.3	4.7	17.7	6.1	29.7	38.6	8.3	50.6
1979.....	45.0	3.5	17.6	5.9	29.9	40.0	7.5	50.6
1980.....	42.4	3.6	15.8	5.1	33.9	39.6	7.9	51.7
1981.....	38.8	2.8	14.4	4.0	36.8	37.6	10.0	55.6

BEST AVAILABLE COPY

HOGS & PIGS

Number of Head December 1, 1980



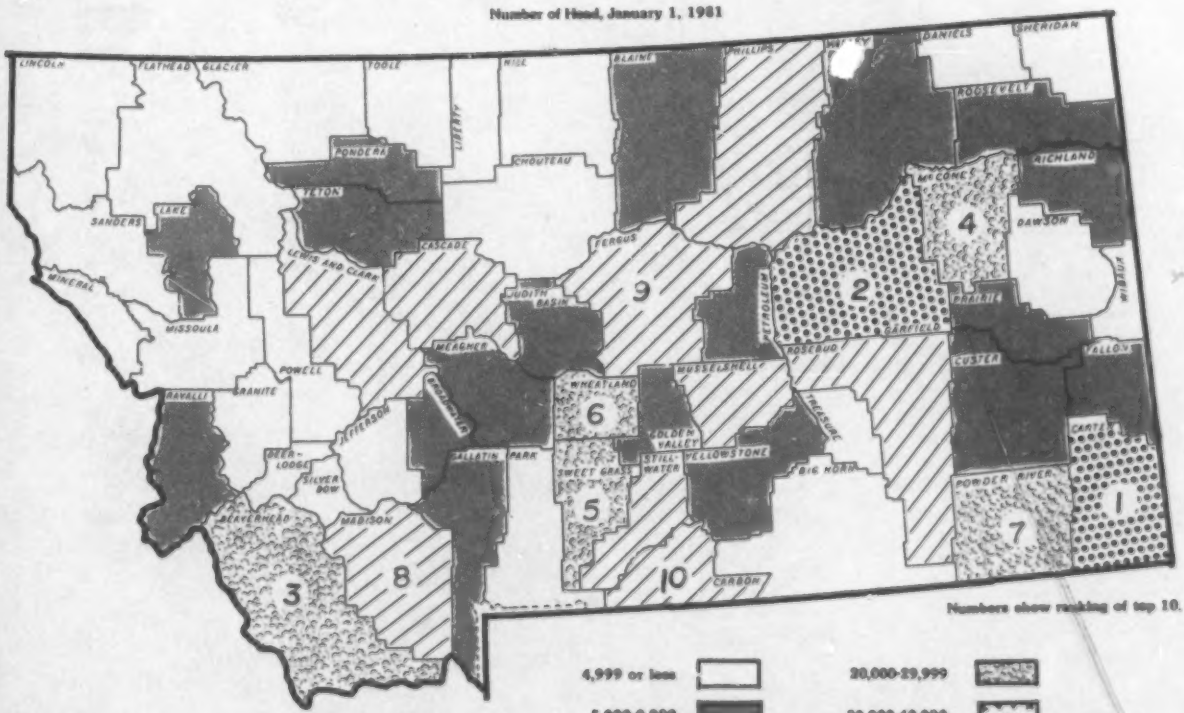
Numbers show ranking of top 10.

999 or Less	10,000-14,999
1,000-4,999	15,000 or More
5,000-9,999	

Flathead & Valley tied for 9
Blaine & Lake tied for 10th

STOCK SHEEP and LAMBS

Number of Head, January 1, 1981



Numbers show ranking of top 10.

4,999 or less	20,000-29,999
5,000-9,999	30,000-49,999
10,000-19,999	50,000- or more

LIVESTOCK

Inventory by Counties, December 1, 1979 - 1980

COUNTY & DISTRICT	Hogs and Pigs		Chickens	
	1979	1980	1979	1980
	Number of Head		Number of Head	
Deer Lodge	300	300	200	300
Flathead	6,800	7,400	3,000	3,200
Granite	100	100	200	200
Lake	7,000	7,000	20,000	24,800
Lincoln	300	600	900	1,000
Mineral	--	--	300	300
Missoula	200	200	900	1,200
Powell	1,100	900	400	400
Ravalli	3,700	4,100	144,700	149,100
Sanders	500	400	1,400	1,500
N. WEST	20,000	21,000	172,000	182,000
Blaine	7,600	7,000	3,000	4,000
Choteau	10,400	18,600	2,100	1,900
Glacier	8,100	11,700	33,000	34,000
Hill	8,300	13,200	15,000	14,500
Liberty	4,800	2,800	8,500	8,000
Phillips	5,400	6,000	1,500	1,400
Pondera	7,200	14,300	18,200	18,000
Teton	6,800	7,900	50,700	51,200
Toole	5,400	7,500	22,000	25,000
N. CENTRAL	64,000	89,000	154,000	158,000
Daniels	6,200	7,300	800	900
Dawson	3,000	2,700	1,800	1,600
Garfield	2,400	2,900	1,300	1,200
McCone	2,900	2,500	1,800	2,100
Richland	5,000	4,000	4,100	4,300
Roosevelt	6,100	6,700	3,300	3,200
Sheridan	3,800	3,500	2,800	3,000
Valley	7,600	7,400	4,100	4,700
N. EAST	37,000	37,000	20,000	21,000
Broadwater	2,000	2,100	133,400	144,000
Cascade	3,700	4,600	19,000	35,000
Fergus	12,200	13,800	3,500	3,000
Golden Valley	4,900	6,000	10,000	15,500
Judith Basin	1,900	1,600	4,200	3,700
Lewis & Clark	1,800	2,300	8,100	9,200
Meagher	2,400	2,100	13,500	13,300
Musselshell	1,500	2,200	800	600
Petroleum	600	100	500	700
Wheatland	4,000	6,200	20,000	22,000
CENTRAL	35,000	41,000	213,000	247,000
Beaverhead	3,500	5,300	900	700
Gallatin	3,400	5,300	140,000	153,400
Jefferson	1,700	1,500	1,400	1,200
Madison	3,300	4,800	1,500	1,400
Silver Bow	100	100	200	300
S. WEST	12,000	17,000	144,000	157,000
Big Horn	5,100	6,000	1,500	1,400
Carbon	3,000	3,400	2,800	2,600
Park	1,500	2,000	2,100	2,000
Stillwater	5,300	5,500	18,000	16,000
Sweet Grass	2,000	2,000	1,100	900
Treasure	600	1,000	400	500
Yellowstone	3,500	5,100	122,100	137,600
S. CENTRAL	21,000	25,000	148,000	161,000
Carter	3,200	2,700	1,400	1,400
Custer	2,200	2,400	29,000	30,000
Fallon	6,300	6,300	2,000	1,800
Powder River	1,900	1,000	2,500	2,000
Prairie	2,600	3,200	1,200	1,000
Rosebud	2,500	3,100	1,500	1,400
Wibaux	1,300	1,300	1,400	1,400
S. EAST	20,000	20,000	39,000	39,000
STATE	209,000	250,000	890,000	965,000

ESTIMATES ISSUED BY THE MONTANA CROP & LIVESTOCK REPORTING SERVICE

Current estimates of the data published in this bulletin are available and may be obtained by calling the MONTANA CROP & LIVESTOCK REPORTING SERVICE or interested persons may be added to one or more of our three mailing lists. The three separate mailing lists are : (1) MONTANA CROP & LIVESTOCK REPORTER, a semi-monthly publication containing various crop, livestock, price and other farm data; (2) CROP WEATHER REPORT; and (3) MONTANA AGRICULTURAL STATISTICS BULLETIN. The annual charge for these publications is: MONTANA CROP & LIVESTOCK REPORTER--$10, CROP WEATHER REPORT--$12, and MONTANA AGRICULTURAL STATISTICS BULLETIN--no charge. Reporters on our surveys are not charged. An order form may be obtained by calling or writing the MONTANA CROP & LIVESTOCK REPORTING SERVICE, P.O. Box 4369, Helena, MT, 59604. (Office--Room 398, 301 S. Park Avenue--Phone: 449-5303.)

REPORTS ISSUED

REPORT	FREQUENCY	APPROXIMATE DATE OF PUBLICATION*
General Reports:		
Farm Report (Crop Forecasts)	Monthly	12th of Month
Weather, Crops & Livestock	Weekly	Mondays, April-October
	Monthly	7th of month, Nov.-March
Reports on Crops:		
Winter Wheat Seedings	Annual	December 22
Prospective Plantings	Annual	February 18
June Acreage	Annual	June 29
Summary of Small Grains	Annual	December 12
Annual Crop Summary and Value of Production	Annual	January 17
Cherry Forecast	Monthly	12th of Month, June & July
Potato Stocks	Monthly	14th of Month, Dec.-April
Range and Pasture Condition	Monthly	12th of Month, April- Dec.
Stocks of Grains	Quarterly	25th of month, Jan., Apr., June, and October
Wheat Movement Summary	Semi-Annually	January and July
Wheat Varieties	Annual	August
Barley Varieties	Annual	July 15
Reports on Livestock, Dairy, Poultry and Livestock Products:		
Poultry (Egg Production, Chick and Poult Hatchings)	Quarterly	21st March, June, Sept., Dec.
Livestock Slaughter	Quarterly	22nd Jan., April, July, Oct.
Cattle Inventory and Calf Crop	Annual	February 1
Sheep on Feed, January 1	Annual	January 17
January 1 Sheep Inventory and Lamb Crop	Annual	February 1
Wool Crop	Annual	April 1
December 1 Hog Inventory & Pig Crop	Annual	December 23
Meat Animals, Marketings and Cash Receipts	Annual	April 15
Milk Cows and Milk Production	Quarterly	12th Jan., April, July and Oct.
Price Reports:		
Agricultural Prices	Monthly	30th of Month
Farm Income	Semi-Annually	March and September
Miscellaneous Reports:		
Farms and Farm Land	Annual	August 11
Farm Labor (Regional Data Only)	Annual	August 24
County Estimates:		
Wheat Estimates by County	Annual	Late winter-Early spring
Barley Estimates by County	Annual	Late winter-Early spring
Corn Estimates by County	Annual	Late Winter-Early spring
Cattle on Farms by County	Biennial	

*Statistics in the National program are released in Washington, D.C. and locally according to strict, predetermined dates. Various series are included in the "MONTANA CROP & LIVESTOCK REPORTER" published twice a month.